John Baez started counting.
“0, 1, 2, 3, ... ”.

After a long while, he noticed that the stars had all gone out, and even the black holes were dissipating. He went on counting.
“46893857378768993700351045289846783784571, 46893857378768993700351045289846783784572, 46893857378768993700351045289846783784573, ... ”.

After much more time, he noticed he had run out of natural numbers and that the universe was over and done with. Interesting, he thought. I never thought I would live this long. He went on counting.
“ω, ω + 1, ω + 2, ω + 3, ... ”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use ω + ω.
“ω2, ω2 + 1, ω2 + 2, ω2 + 3, ... ”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use ω2 + ω.
“ω3, ω3 + 1, ω3 + 2, ω3 + 3, ... ”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use ω3 + ω.
...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use ω2.
“ω2, ω2 + 1, ω2 + 2, ω2 + 3, ... ”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use ω2 + ω.
“ω2 + ω, ω2 + ω + 1, ω2 + ω + 2, ω2 + ω + 3, ... ”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use ω2 + ω2.
“ω2 + ω2, ω2 + ω2 + 1, ω2 + ω2 + 2, ω2 + ω2 + 3, ... ”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use ω2 + ω2 + ω2.
“ω2 + ω2 + ω2, ω2 + ω2 + ω2 + 1, ω2 + ω2 + ω2 + 2, ω2 + ω2 + ω2 + 3, ... ”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use ω2 + ω2 + ω2 + ω2.
“ω2 + ω2 + ω2 + ω2, ω2 + ω2 + ω2 + ω2 + 1, ω2 + ω2 + ω2 + ω2 + 2, ω2 + ω2 + ω2 + ω2 + 3, ... ”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use ω2 + ω2 + ω2 + ω2 + ω2.
“ω2 + ω2 + ω2 + ω2 + ω2, ω2 + ω2 + ω2 + ω2 + ω2 + 1, ω2 + ω2 + ω2 + ω2 + ω2 + 2, ω2 + ω2 + ω2 + ω2 + ω2 + 3, ... ”.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + \omega^3 + \omega$. 

... Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + \omega^2$.

$\omega^2, \omega^2 + 1, \omega^2 + 2, \omega^2 + 3, ...$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + \omega$.

$\omega^2 + \omega, \omega^2 + \omega + 1, \omega^2 + \omega + 2, \omega^2 + \omega + 3, ...$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + \omega^3 + \omega$.

$\omega^2 + \omega^3, \omega^2 + \omega^3 + 1, \omega^2 + \omega^3 + 2, \omega^2 + \omega^3 + 3, ...$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + \omega + 1$.

$\omega^2 + \omega + 1, \omega^2 + \omega + 2, \omega^2 + \omega + 3, ...$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + \omega^3 + \omega + 1$.

$\omega^2 + \omega^3 + \omega + 1, \omega^2 + \omega^3 + \omega + 2, \omega^2 + \omega^3 + \omega + 3, ...$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + \omega^3 + \omega + 2$.

$\omega^2 + \omega^3 + \omega + 2, \omega^2 + \omega^3 + \omega + 3, ...$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + \omega^3 + \omega + 3$.

$\omega^2 + \omega^3 + \omega + 3, ...$.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^3 + \omega^2 + \omega^2 + \omega \).

\[ \omega^3 + \omega^2 + \omega^3, \omega^3 + \omega^2 + \omega^3 + 1, \omega^3 + \omega^2 + \omega^3 + 2, \omega^3 + \omega^2 + \omega^3 + 3, \ldots. \]

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^3 + \omega^2 + \omega^3 + \omega \).

\[ \omega^3 + \omega^2 + \omega^3 + \omega + 1, \omega^3 + \omega^2 + \omega^3 + \omega + 2, \omega^3 + \omega^2 + \omega^3 + \omega + 3, \ldots. \]

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^3 + \omega^2 + \omega^3 + \omega + \omega \).

\[ \omega^3 + \omega^2 + \omega^3 + \omega + \omega + 1, \omega^3 + \omega^2 + \omega^3 + \omega + \omega + 2, \omega^3 + \omega^2 + \omega^3 + \omega + \omega + 3, \ldots. \]

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^3 + \omega^2 + \omega^3 + \omega + \omega + \omega \).

\[ \omega^3 + \omega^2 + \omega^3 + \omega + \omega + \omega + 1, \omega^3 + \omega^2 + \omega^3 + \omega + \omega + \omega + 2, \omega^3 + \omega^2 + \omega^3 + \omega + \omega + \omega + 3, \ldots. \]
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^3 2 + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^3 2 + \omega^2 + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^3 2 + \omega^2 + \omega + 1$, $\omega^3 2 + \omega^2 + 2$, $\omega^3 2 + \omega + 3$, ... ".

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^3 2 + \omega + 2$, $\omega^3 2 + \omega 2 + 1$, $\omega^3 2 + \omega 2 + 2$, $\omega^3 2 + \omega 2 + 3$, ... ".

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^3 2 + \omega 3 + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^3 2 + \omega^2 + \omega^2$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^3 2 + \omega^2 + \omega^2 + 1$, $\omega^3 2 + \omega^2 + 2$, $\omega^3 2 + \omega^2 + 3$, ... ".

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^3 2 + \omega^2 + \omega + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^3 2 + \omega^2 + \omega + 1$, $\omega^3 2 + \omega^2 + 2$, $\omega^3 2 + \omega^2 + 3$, ... ".

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^3 2 + \omega^2 + \omega 2 + \omega 2$, $\omega^3 2 + \omega^2 + \omega 2 + 1$, $\omega^3 2 + \omega^2 + \omega 2 + 2$, $\omega^3 2 + \omega^2 + \omega 2 + 3$, ... ".

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^3 2 + \omega^2 + \omega 3 + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^3 2 + \omega^2 + \omega 2 + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^3 2 + \omega^2 + \omega 2 + 1$, $\omega^3 2 + \omega^2 + \omega 2 + 2$, $\omega^3 2 + \omega^2 + \omega 2 + 3$, ... ".

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^3 2 + \omega^2 + \omega 3$, $\omega^3 2 + \omega^2 + \omega 3 + 1$, $\omega^3 2 + \omega^2 + \omega 3 + 2$, $\omega^3 2 + \omega^2 + \omega 3 + 3$, ... ".

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^3 2 + \omega^2 + \omega 3 + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^3 2 + \omega^2 + \omega + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^3 2 + \omega^2 + \omega 2 + \omega$, $\omega^3 2 + \omega^2 + \omega 2 + 1$, $\omega^3 2 + \omega^2 + \omega 2 + 2$, $\omega^3 2 + \omega^2 + \omega 2 + 3$, ... ".

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^3 2 + \omega^2 + \omega 3$, $\omega^3 2 + \omega^2 + \omega 3 + 1$, $\omega^3 2 + \omega^2 + \omega 3 + 2$, $\omega^3 2 + \omega^2 + \omega 3 + 3$, ... ".

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^3 2 + \omega^2 + \omega 3 + \omega$. 
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^3 + \omega^2 + \omega^2$.

$\omega^3 + \omega^2 + \omega^2 + 1, \omega^3 + \omega^2 + \omega, \omega^3 + \omega^2 + \omega + 1, \omega^3 + \omega^2 + \omega + 2, \omega^3 + \omega^2 + \omega + 2, \omega^3 + \omega^2 + \omega + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^3 + \omega^2 + \omega + \omega$.

$\omega^3 + \omega^2 + \omega, \omega^3 + \omega^2 + \omega + 1, \omega^3 + \omega^2 + \omega + 2, \omega^3 + \omega^2 + \omega + 2, \omega^3 + \omega^2 + \omega + 2, \omega^3 + \omega^2 + \omega + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^3 + \omega^2 + \omega + \omega + \omega$.

$\omega^3 + \omega^2 + \omega + \omega, \omega^3 + \omega^2 + \omega + 2, \omega^3 + \omega^2 + \omega + 2, \omega^3 + \omega^2 + \omega + 3, \omega^3 + \omega^2 + \omega + 3, \omega^3 + \omega^2 + \omega + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^3 + \omega^2 + \omega.$

$\omega^3 + \omega^2 + \omega, \omega^3 + \omega^2 + \omega + 1, \omega^3 + \omega^2 + \omega + 2, \omega^3 + \omega^2 + \omega + 2, \omega^3 + \omega^2 + \omega + 3, \omega^3 + \omega^2 + \omega + 3, \omega^3 + \omega^2 + \omega + 3, \omega^3 + \omega^2 + \omega + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^3 + \omega^2 + \omega.$

$\omega^3 + \omega^2 + \omega, \omega^3 + \omega^2 + \omega + 1, \omega^3 + \omega^2 + \omega + 2, \omega^3 + \omega^2 + \omega + 2, \omega^3 + \omega^2 + \omega + 3, \omega^3 + \omega^2 + \omega + 3, \omega^3 + \omega^2 + \omega + 3, \omega^3 + \omega^2 + \omega + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^3 + \omega^2 + \omega.$

$\omega^3 + \omega^2 + \omega, \omega^3 + \omega^2 + \omega + 1, \omega^3 + \omega^2 + \omega + 2, \omega^3 + \omega^2 + \omega + 2, \omega^3 + \omega^2 + \omega + 3, \omega^3 + \omega^2 + \omega + 3, \omega^3 + \omega^2 + \omega + 3, \omega^3 + \omega^2 + \omega + 3, \ldots$.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^3 + \omega^2 + \omega + \omega^2$, $\omega^3 + \omega^2 + \omega + \omega^2 + \omega^2 + \omega + 1$, $\omega^3 + \omega^2 + \omega + 2$, $\omega^3 + \omega^2 + \omega + 2 + \omega$, $\omega^3 + \omega^2 + \omega + 2 + \omega + \omega$, $\omega^3 + \omega^2 + \omega + 2 + \omega + 3$, 

$\ldots$

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^3 + \omega^2 + \omega^2$, $\omega^3 + \omega^2 + \omega^2 + 2$, $\omega^3 + \omega^2 + \omega^2 + 2$, $\omega^3 + \omega^2 + \omega^2 + 2 + \omega$, $\omega^3 + \omega^2 + \omega^2 + 2 + \omega + 1$, $\omega^3 + \omega^2 + \omega^2 + 2 + \omega + 2$, $\omega^3 + \omega^2 + \omega^2 + 2 + \omega + 3$, $\omega^3 + \omega^2 + \omega + \omega$, $\omega^3 + \omega^2 + \omega + 2$, $\omega^3 + \omega^2 + \omega + 2 + 1$, $\omega^3 + \omega^2 + \omega + 2 + 2$, $\omega^3 + \omega^2 + \omega + 2 + 3$, 

$\ldots$

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$\ldots$

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^3 + \omega^2 + \omega + \omega + \omega$, $\omega^3 + \omega^2 + \omega + \omega + 2$, $\omega^3 + \omega^2 + \omega + \omega + 3 + 1$, $\omega^3 + \omega^2 + \omega + \omega + 3 + 2$, $\omega^3 + \omega^2 + \omega + \omega + 3 + 3$, $\omega^3 + \omega^2 + \omega + \omega + 3 + 2$, $\omega^3 + \omega^2 + \omega + \omega + 3 + 3$, $\omega^3 + \omega^2 + \omega + \omega + 3 + 2$, $\omega^3 + \omega^2 + \omega + \omega + 3 + 3$, 

$\ldots$
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^3 + \omega^2 + \omega$.

... Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^3 + \omega^3$.

... Eventually he ran out of integers for the powers of omega. Never mind, he had all the ordinals available to count powers of omega.

“$\omega^\omega, \omega^\omega + 1, \omega^\omega + 2, \omega^\omega + 3, ...$”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + \omega$.

“$\omega^\omega + \omega, \omega^\omega + \omega + 1, \omega^\omega + \omega + 2, \omega^\omega + \omega + 3, ...$”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + \omega^2 + \omega$.

“$\omega^\omega + \omega^2, \omega^\omega + \omega^2 + 1, \omega^\omega + \omega^2 + 2, \omega^\omega + \omega^2 + 3, ...$”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + \omega^2 + \omega^2$.

“$\omega^\omega + \omega^2 + \omega, \omega^\omega + \omega^2 + \omega + 1, \omega^\omega + \omega^2 + \omega + 2, \omega^\omega + \omega^2 + \omega + 3, ...$”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + \omega^2 + \omega^3 + \omega$.

... Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + \omega^2 + \omega^3 + \omega^2$.

“$\omega^\omega + \omega^2, \omega^\omega + \omega^2 + 1, \omega^\omega + \omega^2 + 2, \omega^\omega + \omega^2 + 3, ...$”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + \omega^2 + \omega^2 + \omega$.

“$\omega^\omega + \omega^2 + \omega + 1, \omega^\omega + \omega^2 + \omega + 2, \omega^\omega + \omega^2 + \omega + 3, ...$”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + \omega^2 + \omega + \omega$.

“$\omega^\omega + \omega^2 + \omega + 1, \omega^\omega + \omega^2 + \omega + 2, \omega^\omega + \omega^2 + \omega + 3, ...$”.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + \omega^2 + \omega^2 + \omega + 1$.

"$\omega^\omega + \omega^2 + \omega + 1, \omega^\omega + \omega^2 + \omega + 2, \omega^\omega + \omega^2 + \omega + 3, \ldots$ ".

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + \omega^2 + \omega$.

... Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + \omega^2 + \omega^2 + \omega^2 + \omega^3 + \omega$.

"$\omega^\omega + \omega^2 + \omega^2 + \omega + 1, \omega^\omega + \omega^2 + \omega^3 + \omega + 1, \omega^\omega + \omega^2 + \omega^3 + \omega + 2, \omega^\omega + \omega^2 + \omega^3 + \omega + 3, \ldots$ ".

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + \omega^2 + \omega + 1$.

"$\omega^\omega + \omega^2 + \omega + 1, \omega^\omega + \omega^2 + \omega + 2, \omega^\omega + \omega^2 + \omega + 3, \omega^\omega + \omega^2 + \omega + 4, \omega^\omega + \omega^2 + \omega + 5, \ldots$ ".

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + \omega^2 + \omega^3 + 1$.

"$\omega^\omega + \omega^2 + \omega^3 + 1, \omega^\omega + \omega^2 + \omega^3 + 2, \omega^\omega + \omega^2 + \omega^3 + 3, \omega^\omega + \omega^2 + \omega^3 + 4, \omega^\omega + \omega^2 + \omega^3 + 5, \ldots$ ".

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + \omega^2 + \omega^3 + \omega$.

... Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + \omega^2 + \omega^3 + 1$.

"$\omega^\omega + \omega^2 + \omega^3 + 1, \omega^\omega + \omega^2 + \omega^3 + 2, \omega^\omega + \omega^2 + \omega^3 + 3, \omega^\omega + \omega^2 + \omega^3 + 4, \omega^\omega + \omega^2 + \omega^3 + 5, \ldots$ ".

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + \omega^2 + \omega^3 + \omega$.

... Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + \omega^2 + \omega^3 + 1$.

"$\omega^\omega + \omega^2 + \omega^3 + 1, \omega^\omega + \omega^2 + \omega^3 + 2, \omega^\omega + \omega^2 + \omega^3 + 3, \omega^\omega + \omega^2 + \omega^3 + 4, \omega^\omega + \omega^2 + \omega^3 + 5, \ldots$ ".

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + \omega^2 + \omega^3 + \omega$.

... Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + \omega^2 + \omega^3 + 1$.

"$\omega^\omega + \omega^2 + \omega^3 + 1, \omega^\omega + \omega^2 + \omega^3 + 2, \omega^\omega + \omega^2 + \omega^3 + 3, \omega^\omega + \omega^2 + \omega^3 + 4, \omega^\omega + \omega^2 + \omega^3 + 5, \ldots$ ".

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + \omega^2 + \omega^3 + \omega$.

... Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + \omega^2 + \omega^3 + 1$.

"$\omega^\omega + \omega^2 + \omega^3 + 1, \omega^\omega + \omega^2 + \omega^3 + 2, \omega^\omega + \omega^2 + \omega^3 + 3, \omega^\omega + \omega^2 + \omega^3 + 4, \omega^\omega + \omega^2 + \omega^3 + 5, \ldots$ ".

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + \omega^2 + \omega^3 + \omega$.

... Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + \omega^2 + \omega^3 + 1$.

"$\omega^\omega + \omega^2 + \omega^3 + 1, \omega^\omega + \omega^2 + \omega^3 + 2, \omega^\omega + \omega^2 + \omega^3 + 3, \omega^\omega + \omega^2 + \omega^3 + 4, \omega^\omega + \omega^2 + \omega^3 + 5, \ldots$ ".

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + \omega^2 + \omega^3 + \omega$.

... Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + \omega^2 + \omega^3 + 1$.

"$\omega^\omega + \omega^2 + \omega^3 + 1, \omega^\omega + \omega^2 + \omega^3 + 2, \omega^\omega + \omega^2 + \omega^3 + 3, \omega^\omega + \omega^2 + \omega^3 + 4, \omega^\omega + \omega^2 + \omega^3 + 5, \ldots$ ".

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + \omega^2 + \omega^3 + \omega$.

... Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + \omega^2 + \omega^3 + 1$.

"$\omega^\omega + \omega^2 + \omega^3 + 1, \omega^\omega + \omega^2 + \omega^3 + 2, \omega^\omega + \omega^2 + \omega^3 + 3, \omega^\omega + \omega^2 + \omega^3 + 4, \omega^\omega + \omega^2 + \omega^3 + 5, \ldots$ ".

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + \omega^2 + \omega^3 + \omega$.

... Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + \omega^2 + \omega^3 + 1$.

"$\omega^\omega + \omega^2 + \omega^3 + 1, \omega^\omega + \omega^2 + \omega^3 + 2, \omega^\omega + \omega^2 + \omega^3 + 3, \omega^\omega + \omega^2 + \omega^3 + 4, \omega^\omega + \omega^2 + \omega^3 + 5, \ldots$ ".

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + \omega^2 + \omega^3 + \omega$.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + \omega + \omega^2 + \omega$.

\[
\omega^\omega + \omega^3 + \omega^2 + \omega, \omega^\omega + \omega^3 + \omega^2 + \omega + 1, \omega^\omega + \omega^3 + \omega^2 + \omega + 2, \omega^\omega + \omega^3 + \omega^2 + \omega + 3, \ldots
\]

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + 2\omega^3 + \omega^2 + \omega + \omega$.

\[
\omega^\omega + \omega^3 + \omega^2 + \omega^2 + \omega, \omega^\omega + \omega^3 + \omega^2 + \omega + 2 + 1, \omega^\omega + \omega^3 + \omega^2 + \omega + 2 + 2, \omega^\omega + \omega^3 + \omega^2 + \omega + 2 + 3, \ldots
\]

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + \omega^3 + \omega^2 + \omega + \omega$.

\[
\omega^\omega + \omega^3 + \omega^2 + \omega^3, \omega^\omega + \omega^3 + \omega^2 + \omega^3 + 1, \omega^\omega + \omega^3 + \omega^2 + \omega^3 + 2, \omega^\omega + \omega^3 + \omega^2 + \omega^3 + 3, \ldots
\]

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + \omega^3 + \omega^2 + \omega^3 + \omega$.

\[
\omega^\omega + \omega^3 + \omega^2 + \omega^3 + \omega^2 + \omega + 2, \omega^\omega + \omega^3 + \omega^2 + \omega^3 + \omega + 2, \omega^\omega + \omega^3 + \omega^2 + \omega^3 + \omega + 3, \ldots
\]

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + \omega^3 + \omega^2 + \omega^3 + \omega + 2$.

\[
\omega^\omega + \omega^3 + \omega^2 + \omega^3 + \omega^2 + \omega + 2, \omega^\omega + \omega^3 + \omega^2 + \omega^3 + \omega + 2 + 1, \omega^\omega + \omega^3 + \omega^2 + \omega^3 + \omega + 2 + 2, \omega^\omega + \omega^3 + \omega^2 + \omega^3 + \omega + 2 + 3, \ldots
\]
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^\omega + \omega^3 + \omega^2 3 + \omega^2 + \omega \).
\[
\omega^\omega + \omega^3 + \omega^2 3 + \omega 3, \omega^\omega + \omega^3 + \omega^2 3 + \omega 3 + 1, \omega^\omega + \omega^3 + \omega^2 3 + \omega 3 + 2, \\
\omega^\omega + \omega^3 + \omega^2 3 + \omega 3 + 3, \ldots."
\]
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^\omega + \omega^3 + \omega^2 3 + \omega 3 + \omega \).
\[
\omega^\omega + \omega^3 + \omega^2 3 + \omega 3 + \omega \ldots.
\]
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^\omega + \omega^3 + \omega^2 3 + \omega 3 + \omega^2 \).
\[
\omega^\omega + \omega^3 + \omega^2 3 + \omega 3 + \omega^2 \ldots.
\]
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\omega^\omega + \omega^3 + \omega^2 3 + \omega 3 + \omega \ldots.
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\[
\omega^\omega + \omega^3 + \omega^2 3 + \omega 3 + \omega^2 \ldots.
\]
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\[
\omega^\omega + \omega^3 + \omega^2 3 + \omega 3 + \omega^2 \ldots.
\]
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\[
\omega^\omega + \omega^3 + \omega^2 3 + \omega 3 + \omega \ldots.
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\[
\omega^\omega + \omega^3 + \omega^2 3 + \omega 3 + \omega^2 \ldots.
\]
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^\omega + \omega^3 + \omega^2 3 + \omega 3 + \omega^2 \).
\[
\omega^\omega + \omega^3 + \omega^2 3 + \omega 3 + \omega^2 \ldots.
\]
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^\omega + \omega^3 + \omega^2 3 + \omega 3 + \omega \).
\[
\omega^\omega + \omega^3 + \omega^2 3 + \omega 3 + \omega \ldots.
\]
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + \omega^32 + \omega^2 + \omega^2$. 

\[
\omega^\omega + \omega^32 + \omega^2 + \omega, \omega^\omega + \omega^32 + \omega^2 + \omega + 1, \omega^\omega + \omega^32 + \omega^2 + \omega + 2, \\
\omega^\omega + \omega^32 + \omega^2 + \omega + 3, \ldots
\]

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + \omega^32 + \omega^2 + \omega$. 

\[
\omega^\omega + \omega^32 + \omega^2 + \omega, \omega^\omega + \omega^32 + \omega^2 + \omega + 1, \omega^\omega + \omega^32 + \omega^2 + \omega + 2, \\
\omega^\omega + \omega^32 + \omega^2 + \omega + 3, \ldots
\]

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + \omega^32 + \omega^2 + \omega + 3$. 

\[
\omega^\omega + \omega^32 + \omega^2 + \omega, \omega^\omega + \omega^32 + \omega^2 + \omega + 1, \omega^\omega + \omega^32 + \omega^2 + \omega + 2, \\
\omega^\omega + \omega^32 + \omega^2 + \omega + 3, \ldots
\]
just use $\omega^\omega + \omega^3 + \omega$, $\omega^\omega + \omega^3 + \omega + 1$, $\omega^\omega + \omega^3 + \omega + 2$, $\omega^\omega + \omega^3 + \omega + 3$, ... ".

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + \omega^3 + \omega + \omega$.

$\omega^\omega + \omega^3 + \omega2$, $\omega^\omega + \omega^3 + \omega2 + 1$, $\omega^\omega + \omega^3 + \omega2 + 2$, $\omega^\omega + \omega^3 + \omega2 + 3$, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + \omega^3 + \omega + 2$.

$\omega^\omega + \omega^3 + \omega3$, $\omega^\omega + \omega^3 + \omega3 + 1$, $\omega^\omega + \omega^3 + \omega3 + 2$, $\omega^\omega + \omega^3 + \omega3 + 3$, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + \omega^3 + \omega3 + \omega3 + \omega$.

... Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + \omega^3 + \omega^2$.

$\omega^\omega + \omega^3 + \omega^2$, $\omega^\omega + \omega^3 + \omega^2 + 1$, $\omega^\omega + \omega^3 + \omega^2 + 2$, $\omega^\omega + \omega^3 + \omega^2 + 3$, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + \omega^3 + \omega^2 + \omega$.

$\omega^\omega + \omega^3 + \omega^2 + \omega2$, $\omega^\omega + \omega^3 + \omega^2 + \omega2 + 1$, $\omega^\omega + \omega^3 + \omega^2 + \omega2 + 2$, $\omega^\omega + \omega^3 + \omega^2 + \omega2 + 3$, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + \omega^3 + \omega^2 + \omega3 + \omega$.  

... Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + \omega^3 + \omega^2 + \omega^2$.

$\omega^\omega + \omega^3 + \omega^2 + \omega^2$, $\omega^\omega + \omega^3 + \omega^2 + \omega^2 + 1$, $\omega^\omega + \omega^3 + \omega^2 + \omega^2 + 2$, $\omega^\omega + \omega^3 + \omega^2 + \omega^2 + 3$, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + \omega^3 + \omega^2 + \omega + \omega$.

$\omega^\omega + \omega^3 + \omega^2 + \omega + \omega$, $\omega^\omega + \omega^3 + \omega^2 + \omega + 1$, $\omega^\omega + \omega^3 + \omega^2 + \omega + 2$, $\omega^\omega + \omega^3 + \omega^2 + \omega + 3$, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + \omega^3 + \omega^2 + \omega + \omega$.

$\omega^\omega + \omega^3 + \omega^2 + \omega + \omega$.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + \omega^3 + \omega^2 + \omega^3 + \omega^2 + \omega + 3 + 2, \omega^\omega + \omega^3 + \omega^2 + \omega + 3 + 3, ...$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + \omega^3 + \omega^2 + \omega + 3$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + \omega^3 + \omega^2 + \omega + 1, \omega^\omega + \omega^3 + \omega^2 + \omega + 2, \omega^\omega + \omega^3 + \omega^2 + \omega + 3, ...$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + \omega^3 + \omega^2 + \omega + 3$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + \omega^3 + \omega^2 + \omega + 1, \omega^\omega + \omega^3 + \omega^2 + \omega + 2, \omega^\omega + \omega^3 + \omega^2 + \omega + 3$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + \omega^3 + \omega^2 + \omega + 2$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + \omega^3 + \omega^2 + \omega + 1, \omega^\omega + \omega^3 + \omega^2 + \omega + 2, \omega^\omega + \omega^3 + \omega^2 + \omega + 3$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + \omega^3 + \omega^2 + \omega + 2$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + \omega^3 + \omega^2 + \omega + 1, \omega^\omega + \omega^3 + \omega^2 + \omega + 2, \omega^\omega + \omega^3 + \omega^2 + \omega + 3$.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + \omega^2 + \omega^2 + \omega$.

$\omega^\omega + 2^\omega + \omega^2 + \omega + 1$, $\omega^\omega 2 + \omega^2 + \omega + 2$, $\omega^\omega + 2^\omega + \omega + 3$, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + 2 + \omega + \omega$.

$\omega^\omega + 2 + \omega^2 + \omega^2 + \omega 2 + 1$, $\omega^\omega 2 + \omega^2 + \omega 2 + 2$, $\omega^\omega 2 + \omega^2 + \omega 2 + 3$, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + 2 + \omega^2 + \omega + 3$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + \omega^2 + \omega^2 + \omega^2 + \omega 2 + 1$, $\omega^\omega 2 + \omega^2 + \omega 2 + 2$, $\omega^\omega 2 + \omega^2 + \omega 2 + 3$, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + \omega^2 + \omega 2 + \omega + 1$, $\omega^\omega 2 + \omega^2 + \omega 2 + 2$, $\omega^\omega 2 + \omega^2 + \omega 2 + 3$, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega 2 + \omega^2 + \omega 2 + \omega + 2$, $\omega^\omega 2 + \omega^2 + \omega 2 + 3$, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega 2 + \omega^2 + \omega 2 + \omega + 3$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega + 2 + \omega 2 + \omega^2 + \omega 2 + 1$, $\omega^\omega 2 + \omega^2 + \omega 2 + 2$, $\omega^\omega 2 + \omega^2 + \omega 2 + 3$, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega 2 + \omega^2 + \omega^2 + \omega 2 + 1$, $\omega^\omega 2 + \omega^2 + \omega 2 + 2$, $\omega^\omega 2 + \omega^2 + \omega 2 + 3$, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega 2 + \omega^2 + \omega 2 + \omega + 1$, $\omega^\omega 2 + \omega^2 + \omega 2 + 2$, $\omega^\omega 2 + \omega^2 + \omega 2 + 3$, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^\omega 2 + \omega^2 + \omega 2 + \omega + 3$.
\[ \omega^2 + \omega^2 + \omega^3 + \omega + 1, \omega^2 + \omega^2 + \omega^3 + 2, \omega^2 + \omega^3 + \omega + 3, \ldots \]

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + \omega^2 + \omega^3 + \omega + \omega$.

\[ \omega^2 + \omega^3 + \omega + 1, \omega^2 + \omega^3 + 2, \omega^2 + \omega^3 + 3, \ldots \]

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + \omega^3 + \omega^2 + \omega^2$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + \omega^2 + \omega^3 + \omega$. 

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Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + \omega^2 + \omega^3 + \omega + \omega + \omega$. 

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + \omega^2 + \omega^3 + \omega + 2, \omega^2 + \omega^3 + \omega^3 + 1, \omega^2 + \omega^3 + \omega^3 + 2, \omega^2 + \omega^3 + \omega^3 + 3, \ldots$.
\[ \omega^2 + \omega^3 + \omega^2 + \omega^3 + \omega^2 2 + 1, \ \omega^2 + \omega^3 + \omega^2 2 + 2, \ \omega^2 + \omega^3 + \omega^2 2 + 3, \ldots \].

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^2 + \omega^3 + \omega^2 2 + \omega \).

\[ \omega^2 + \omega^3 + \omega^2 2 + \omega, \ \omega^2 + \omega^3 + \omega^2 2 + \omega + 1, \ \omega^2 + \omega^3 + \omega^2 2 + \omega + 2, \ \omega^2 + \omega^3 + \omega^2 2 + \omega + 3, \ldots \].

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^2 + \omega^3 + \omega^2 2 + \omega + \omega \).

\[ \omega^2 + \omega^3 + \omega^2 2 + \omega^2, \ \omega^2 + \omega^3 + \omega^2 2 + \omega + 1, \ \omega^2 + \omega^3 + \omega^2 2 + \omega + 2, \ \omega^2 + \omega^3 + \omega^2 2 + \omega + 3, \ldots \].

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^2 + \omega^3 + \omega^2 2 + \omega^2 + \omega \).

\[ \omega^2 + \omega^3 + \omega^2 2 + \omega^3, \ \omega^2 + \omega^3 + \omega^2 2 + \omega^3 + 1, \ \omega^2 + \omega^3 + \omega^2 3 + 2, \ \omega^2 + \omega^3 + \omega^2 3 + 3, \ldots \]

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^2 + \omega^3 + \omega^2 3 + \omega \).

\[ \omega^2 + \omega^3 + \omega^2 3 + \omega, \ \omega^2 + \omega^3 + \omega^2 3 + \omega + 1, \ \omega^2 + \omega^3 + \omega^2 3 + \omega + 2, \ \omega^2 + \omega^3 + \omega^2 3 + \omega + 3, \ldots \].

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^2 + \omega^3 + \omega^2 3 + \omega + \omega \).

\[ \omega^2 + \omega^3 + \omega^2 3 + \omega^2, \ \omega^2 + \omega^3 + \omega^2 3 + \omega^2 + 1, \ \omega^2 + \omega^3 + \omega^2 3 + \omega^2 + 2, \ \omega^2 + \omega^3 + \omega^2 3 + \omega^2 + 3, \ldots \].

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^2 + \omega^3 + \omega^2 3 + \omega^3 \).

\[ \omega^2 + \omega^3 + \omega^2 3 + \omega^3, \ \omega^2 + \omega^3 + \omega^2 3 + \omega^3 + 1, \ \omega^2 + \omega^3 + \omega^2 3 + \omega^3 + 2, \ \omega^2 + \omega^3 + \omega^2 3 + \omega^3 + 3, \ldots \].
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + \omega^3 2 + \omega + \omega$.

$\omega^2 + \omega^3 2 + \omega^2, \omega^2 + \omega^3 2 + \omega^2 + 1, \omega^2 + \omega^3 2 + \omega^2 + 2, \omega^2 + \omega^3 2 + \omega^2 + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + \omega^3 2 + \omega^2 + \omega$.

$\omega^2 + \omega^3 2 + \omega^2 + \omega^3, \omega^2 + \omega^3 2 + \omega^3 + 1, \omega^2 + \omega^3 2 + \omega^3 + 2, \omega^2 + \omega^3 2 + \omega^3 + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + \omega^3 2 + \omega^3 + \omega$.

$\omega^2 + \omega^3 2 + \omega^3 + \omega + \omega$. 

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + \omega^3 2 + \omega^3 + \omega^2 + \omega + \omega$.

$\omega^2 + \omega^3 2 + \omega^3 + \omega^3 + 1, \omega^2 + \omega^3 2 + \omega^3 + 2, \omega^2 + \omega^3 2 + \omega^3 + 3, \ldots$.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + \omega^3 + \omega^2 + \omega^3 + 3 + \omega$.

... 

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + \omega^3 + \omega^2 + \omega^2$.

$\omega^2 + \omega^3 + \omega^3 + 1, \omega^2 + \omega^3 + \omega^2 + \omega + 2, \omega^2 + \omega^3 + \omega^2 + \omega + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + \omega^3 + \omega^2 + \omega^2 + \omega + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + \omega^3 + \omega^2 + \omega + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + \omega^3 + \omega^2 + \omega + 3 + \omega$.

...
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + \omega^3 + \omega^2 + \omega + 1$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + \omega^3 + \omega + \omega^2 + 1$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + \omega^3 + \omega^2 + \omega + 2$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + \omega^3 + \omega + \omega^2 + 1$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + \omega^3 + \omega^2 + \omega + 2$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + \omega^3 + \omega^2 + \omega + 3$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + \omega^3 + \omega^2 + \omega + 3$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + \omega^3 + \omega^2 + \omega + 3$.
“ω^2 + ω^3 + ω^2 + ω, ω^2 + ω^3 + ω^2 + 1, ω^2 + ω^3 + ω^2 + 2, ω^2 + ω^3 + ω^2 + 3, ... ”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use ω^3 + ω^3 + ω^2 + ω.

“ω^2 + ω^3 + ω^2 + ω, ω^2 + ω^3 + ω^2 + 1, ω^2 + ω^3 + ω^2 + 2, ω^2 + ω^3 + ω^2 + 3, ... ”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use ω^3 + ω^3 + ω^3 + ω.

“ω^2 + ω^3 + ω^2 + ω, ω^2 + ω^3 + ω^2 + 1, ω^2 + ω^3 + ω^2 + 2, ω^2 + ω^3 + ω^2 + 3, ... ”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use ω^3 + ω^3 + ω^3 + ω.

“ω^3 + ω^3 + ω^3 + 1, ω^3 + 2, ω^3 + 3, ... ”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use ω^3 + ω.

“ω^3 + ω + ω, ω^3 + ω + 1, ω^3 + ω + 2, ω^3 + ω + 3, ... ”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use ω^3 + ω + ω.

“ω^3 + ω + 2, ω^3 + ω + 2 + 1, ω^3 + ω + 2 + 2, ω^3 + ω + 2 + 3, ... ”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use ω^3 + ω + ω.

“ω^3 + ω + 3, ω^3 + ω + 3 + 1, ω^3 + ω + 3 + 2, ω^3 + ω + 3 + 3, ... ”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use ω^3 + ω + 3.

“ω^3 + ω + 3 + 1, ω^3 + ω + 2, ω^3 + ω + 2 + 2, ω^3 + ω + 2 + 3, ... ”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use ω^3 + ω.

“ω^3 + ω + 2 + 1, ω^3 + ω + 2 + 2, ω^3 + ω + 2 + 3, ... ”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use ω^3 + 2 + ω + ω.

“ω^3 + ω^2 + ω, ω^3 + ω^2 + ω + 1, ω^3 + ω^2 + ω + 2, ω^3 + ω^2 + ω + 3, ... ”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use ω^3 + 2 + ω + ω.

“ω^3 + ω^2 + ω + 2, ω^3 + ω^2 + ω + 2 + 1, ω^3 + ω^2 + ω + 2 + 2, ω^3 + ω^2 + ω + 2 + 3, ... ”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use ω^3 + ω^2 + 3.

“ω^3 + ω^2 + ω^3, ω^3 + ω^2 + ω^3 + 1, ω^3 + ω^2 + ω^3 + 2, ω^3 + ω^2 + ω^3 + 3, ... ”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use ω^3 + ω^2 + ω + 3.

“ω^3 + ω^2 + ω^3, ω^3 + ω^2 + ω^3 + 1, ω^3 + ω^2 + ω^3 + 2, ω^3 + ω^2 + ω^3 + 3, ... ”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use ω^3 + ω^2 + ω + 3.

“ω^3 + ω^2 + ω^3, ω^3 + ω^2 + ω^3 + 1, ω^3 + ω^2 + ω^3 + 2, ω^3 + ω^2 + ω^3 + 3, ... ”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use ω^3 + ω^2 + ω + 3.
“ω^3 + ω^2 + 1, ω^3 + ω + 1, ω^3 + ω + 2, ω^3 + ω + 3, ... .”

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use ω^3 + ω^2 + ω.

“ω^3 + ω^2 + ω, ω^3 + ω^2 + ω + 1, ω^3 + ω^2 + ω + 2, ω^3 + ω^2 + ω + 3, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use ω^3 + ω^2 + ω + ω.

“ω^3 + ω^2 + ω^2 + ω + 1, ω^3 + ω^2 + ω^2 + 2, ω^3 + ω^2 + ω^2 + 3, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use ω^3 + ω^2 + ω + 2.

“ω^3 + ω^2 + ω^2 + ω + 1, ω^3 + ω^2 + ω^2 + 3, ω^3 + ω^2 + 3, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use ω^3 + ω^2 + 3 + 1, ω^3 + ω^2 + 3 + 2, ω^3 + ω^2 + 3, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use ω^3 + ω^2 + 3 + ω.

“ω^3 + ω^2 + 3 + ω, ω^3 + ω^2 + 3 + ω + 1, ω^3 + ω^2 + 3 + ω + 2, ω^3 + ω^2 + 3 + ω + 3, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use ω^3 + ω^2 + 3 + ω + ω.

“ω^3 + ω^2 + 3 + ω + 2, ω^3 + ω^2 + 3 + ω + 2, ω^3 + ω^2 + 3 + ω + 3, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use ω^3 + ω^2 + 3 + ω + 2.

“ω^3 + ω^2 + 3 + ω + 2, ω^3 + ω^2 + 3 + ω + 3, ω^3 + ω^2 + 3 + ω + 3, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use ω^3 + ω^2 + 3 + ω + 3.

“ω^3 + ω^2 + 3 + ω + 3, ω^3 + ω^2 + 3 + ω + 3, ω^3 + ω^2 + 3 + ω + 3, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use ω^3 + ω^2 + ω.

“ω^3 + ω^2 + ω, ω^3 + ω^2 + ω + 1, ω^3 + ω^2 + ω + 2, ω^3 + ω^2 + ω + 3, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use ω^3 + ω + ω.

“ω^3 + ω + ω, ω^3 + ω + ω, ω^3 + ω + ω + 1, ω^3 + ω + ω + 2, ω^3 + ω + ω + 3, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use ω^3 + ω^3 + ω.

“ω^3 + ω^3 + ω, ω^3 + ω^3 + ω + 1, ω^3 + ω^3 + ω + 2, ω^3 + ω^3 + ω + 3, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use ω^3 + ω^3 + ω + ω.

“ω^3 + ω^3 + ω + ω, ω^3 + ω^3 + ω + ω, ω^3 + ω^3 + ω + ω + 1, ω^3 + ω^3 + ω + ω + 2, ω^3 + ω^3 + ω + ω + 3, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use ω^3 + ω^3 + ω + ω + ω.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^3 + \omega^3 + \omega^2 \), \( \omega^2 + \omega + 1 \), \( \omega^3 + \omega^3 + \omega^2 + 2 \), \( \omega^3 + \omega^3 + \omega^2 + 3 \), ... 
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega \omega 3 + \omega^3 + \omega^2 2 + \omega^2$.

$\omega \omega 3 + \omega^3 + \omega^2 3 + 1$, $\omega \omega 3 + \omega^3 + \omega^2 3 + 2$, $\omega \omega 3 + \omega^3 + \omega^2 3 + 3$, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega \omega 3 + \omega^3 + \omega^2 3 + \omega$.

$\omega \omega 3 + \omega^3 + \omega^2 3 + \omega$, $\omega \omega 3 + \omega^3 + \omega^2 3 + \omega + 1$, $\omega \omega 3 + \omega^3 + \omega^2 3 + \omega + 2$, $\omega \omega 3 + \omega^3 + \omega^2 3 + \omega + 3$, ...

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$\omega \omega 3 + \omega^3 + \omega^2 3 + \omega 2$, $\omega \omega 3 + \omega^3 + \omega^2 3 + \omega 2 + 1$, $\omega \omega 3 + \omega^3 + \omega^2 3 + \omega 2 + 2$, $\omega \omega 3 + \omega^3 + \omega^2 3 + \omega 2 + 3$, ...

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$\omega \omega 3 + \omega^3 + \omega^2 3 + \omega 2 + \omega + 1$, $\omega \omega 3 + \omega^3 + \omega^2 3 + \omega 2 + 1$, $\omega \omega 3 + \omega^3 + \omega^2 3 + \omega 2 + 2$, $\omega \omega 3 + \omega^3 + \omega^2 3 + \omega 2 + 3$, ...

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Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega \omega 3 + \omega^3 + \omega^2 3 + \omega 3 + \omega 2 + \omega$.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^3 + \omega^3 2 + \omega^2 + \omega$.

$\omega^3 + \omega^3 2 + \omega^2 + \omega, \omega^3 + \omega^3 2 + \omega^2 + \omega + 1, \omega^3 + \omega^3 2 + \omega^2 + \omega + 2, \omega^3 + \omega^3 2 + \omega^2 + \omega + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^3 + \omega^3 2 + \omega^2 + \omega$.

$\omega^3 + \omega^3 2 + \omega^2 + \omega, \omega^3 + \omega^3 2 + \omega^2 + \omega + 1, \omega^3 + \omega^3 2 + \omega^2 + \omega + 2, \omega^3 + \omega^3 2 + \omega^2 + \omega + 3, \ldots$.

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$\omega^3 + \omega^3 2 + \omega^2 + \omega, \omega^3 + \omega^3 2 + \omega^2 + \omega + 1, \omega^3 + \omega^3 2 + \omega^2 + \omega + 2, \omega^3 + \omega^3 2 + \omega^2 + \omega + 3, \ldots$.

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$\omega^3 + \omega^3 2 + \omega^2 + \omega, \omega^3 + \omega^3 2 + \omega^2 + \omega + 1, \omega^3 + \omega^3 2 + \omega^2 + \omega + 2, \omega^3 + \omega^3 2 + \omega^2 + \omega + 3, \ldots$.

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$\omega^3 + \omega^3 2 + \omega^2 + \omega, \omega^3 + \omega^3 2 + \omega^2 + \omega + 1, \omega^3 + \omega^3 2 + \omega^2 + \omega + 2, \omega^3 + \omega^3 2 + \omega^2 + \omega + 3, \ldots$.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^3 + \omega^3 2 + \omega^3 3 + \omega^2 + \omega$.

$\omega^3 + \omega^3 2 + \omega^3 3 + \omega^3 + 1$, $\omega^3 + \omega^3 2 + \omega^3 3 + \omega^3 3 + 2$, $\omega^3 + \omega^3 2 + \omega^3 3 + \omega^3 3 + 3$, ...

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$\omega^3 + \omega^3 3 + \omega^3 3 + 1$, $\omega^3 + \omega^3 3 + 2$, $\omega^3 + \omega^3 3 + 3$, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^3 + \omega^3 3 + \omega + \omega$.

$\omega^3 + \omega^3 3 + \omega^3 3 + \omega 2 + 1$, $\omega^3 + \omega^3 3 + \omega^2 2 + 2$, $\omega^3 + \omega^3 3 + \omega^2 3 + \omega + 3$, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^3 + \omega^3 3 + \omega^3 3 + \omega + \omega$.

$\omega^3 + \omega^3 3 + \omega^2 + \omega$, $\omega^3 + \omega^3 3 + \omega^2 + \omega + 1$, $\omega^3 + \omega^3 3 + \omega^2 + \omega^2 + \omega 2$, $\omega^3 + \omega^3 3 + \omega^2 + \omega + 3$, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^3 + \omega^3 3 + \omega^2 + \omega^3 + \omega 2$.

$\omega^3 + \omega^3 3 + \omega^3 3 + \omega^2 + 1$, $\omega^3 + \omega^3 3 + \omega^2 + 2$, $\omega^3 + \omega^3 3 + \omega^2 + 3$, ...

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$\omega^3 + \omega^3 3 + \omega^2 + \omega 2$, $\omega^3 + \omega^3 3 + \omega^2 + \omega + 1$, $\omega^3 + \omega^3 3 + \omega^2 + \omega + 2$, $\omega^3 + \omega^3 3 + \omega^2 + \omega + 3$, ...

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$\omega^3 + \omega^3 3 + \omega^2 + \omega 3$, $\omega^3 + \omega^3 3 + \omega^2 + \omega 3 + 1$, $\omega^3 + \omega^3 3 + \omega^2 + \omega 3 + 2$, $\omega^3 + \omega^3 3 + \omega^2 + \omega 3 + 3$, ...

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Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^3 + \omega^3 + \omega^2 + \omega + 1, \omega^3 + \omega^3 + \omega^2 + \omega + 2, \omega^3 + \omega^3 + \omega^2 + \omega + 3, \ldots$.

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Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^3 + \omega^3 + \omega^2 + \omega + 2 + 1, \omega^3 + \omega^3 + \omega^2 + \omega + 2 + 2, \omega^3 + \omega^3 + \omega^2 + \omega + 3, \omega^3 + \omega^3 + \omega^2 + \omega + 3 + 1, \omega^3 + \omega^3 + \omega^2 + \omega + 3 + 2, \omega^3 + \omega^3 + \omega^2 + \omega + 3 + 3, \omega^3 + \omega^3 + \omega^2 + \omega + 4, \omega^3 + \omega^3 + \omega^2 + \omega + 5, \omega^3 + \omega^3 + \omega^2 + \omega + 6, \omega^3 + \omega^3 + \omega^2 + \omega + 7, \omega^3 + \omega^3 + \omega^2 + \omega + 8, \omega^3 + \omega^3 + \omega^2 + \omega + 9, \omega^3 + \omega^3 + \omega^2 + \omega + 10, \omega^3 + \omega^3 + \omega^2 + \omega + 11, \omega^3 + \omega^3 + \omega^2 + \omega + 12, \omega^3 + \omega^3 + \omega^2 + \omega + 13, \omega^3 + \omega^3 + \omega^2 + \omega + 14, \omega^3 + \omega^3 + \omega^2 + \omega + 15, \omega^3 + \omega^3 + \omega^2 + \omega + 16, \omega^3 + \omega^3 + \omega^2 + \omega + 17, \omega^3 + \omega^3 + \omega^2 + \omega + 18, \omega^3 + \omega^3 + \omega^2 + \omega + 19, \omega^3 + \omega^3 + \omega^2 + \omega + 20, \omega^3 + \omega^3 + \omega^2 + \omega + 21, \omega^3 + \omega^3 + \omega^2 + \omega + 22, \omega^3 + \omega^3 + \omega^2 + \omega + 23, \omega^3 + \omega^3 + \omega^2 + \omega + 24, \omega^3 + \omega^3 + \omega^2 + \omega + 25, \omega^3 + \omega^3 + \omega^2 + \omega + 26$.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+1} + \omega \).

\[ \omega^{\omega+1} + \omega, \omega^{\omega+1} + \omega + 1, \omega^{\omega+1} + \omega + 2, \omega^{\omega+1} + \omega + 3, \ldots \]

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+1} + \omega + \omega \).

\[ \omega^{\omega+1} + \omega, \omega^{\omega+1} + \omega + 2 + 1, \omega^{\omega+1} + \omega + 2 + 2, \omega^{\omega+1} + \omega + 2 + 3, \ldots \]

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+1} + \omega^2 + \omega \).

\[ \omega^{\omega+1} + \omega^2 + \omega, \omega^{\omega+1} + \omega^2 + \omega + 1, \omega^{\omega+1} + \omega^2 + \omega + 2, \omega^{\omega+1} + \omega^2 + \omega + 3, \ldots \]

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+1} + \omega^3 + \omega \).

\[ \omega^{\omega+1} + 2, \omega^{\omega+1} + \omega + 1, \omega^{\omega+1} + \omega + 2, \omega^{\omega+1} + \omega + 3, \ldots \]

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+1} + \omega^2 + \omega + \omega \).

\[ \omega^{\omega+1} + \omega^2 + \omega, \omega^{\omega+1} + \omega^2 + \omega + 1, \omega^{\omega+1} + \omega^2 + \omega + 2, \omega^{\omega+1} + \omega^2 + \omega + 3, \ldots \]

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\[ \omega^{\omega+1} + \omega^2 + \omega + 2, \omega^{\omega+1} + \omega^3 + \omega + 1, \omega^{\omega+1} + \omega^3 + \omega + 2, \omega^{\omega+1} + \omega^3 + \omega + 3, \ldots \]

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+1} + \omega^3 + \omega \).

\[ \omega^{\omega+1} + 3, \omega^{\omega+1} + \omega + 3, \omega^{\omega+1} + \omega + 3 + 1, \omega^{\omega+1} + \omega^2 + \omega + 3, \omega^{\omega+1} + \omega^2 + \omega + 3 + 1, \ldots \]
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+1} + \omega^2 + \omega^3 + \omega$.

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Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \(\omega^\omega + 1 + \omega^2 + \omega + \omega^3 \). 

\[ \omega^\omega + 1 + \omega^2 \omega + \omega, \omega^\omega + 1 + \omega^3 + \omega^2 + \omega + 1, \omega^\omega + 1 + \omega^3 + \omega^2 + \omega + 2, \omega^\omega + 1 + \omega^3 + \omega^2 + \omega + 3, \ldots. \]

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\[ \omega^\omega + 1 + \omega^3 + \omega^2 + \omega, \omega^\omega + 1 + \omega^3 + \omega^2 + \omega + 1, \omega^\omega + 1 + \omega^3 + \omega^2 + \omega + 2, \omega^\omega + 1 + \omega^3 + \omega^2 + \omega + 3, \ldots. \]

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\[ \omega^\omega + 1 + \omega^3 + \omega^2 + \omega, \omega^\omega + 1 + \omega^3 + \omega^2 + \omega + 1, \omega^\omega + 1 + \omega^3 + \omega^2 + \omega + 2, \omega^\omega + 1 + \omega^3 + \omega^2 + \omega + 3, \ldots. \]

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\[ \omega^\omega + 1 + \omega^3 + \omega^2 + \omega, \omega^\omega + 1 + \omega^3 + \omega^2 + \omega + 1, \omega^\omega + 1 + \omega^3 + \omega^2 + \omega + 2, \omega^\omega + 1 + \omega^3 + \omega^2 + \omega + 3, \ldots. \]

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\[ \omega^\omega + 1 + \omega^3 + \omega^2 + \omega, \omega^\omega + 1 + \omega^3 + \omega^2 + \omega + 1, \omega^\omega + 1 + \omega^3 + \omega^2 + \omega + 2, \omega^\omega + 1 + \omega^3 + \omega^2 + \omega + 3, \ldots. \]

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\[ \omega^\omega + 1 + \omega^3 + \omega^2 + \omega, \omega^\omega + 1 + \omega^3 + \omega^2 + \omega + 1, \omega^\omega + 1 + \omega^3 + \omega^2 + \omega + 2, \omega^\omega + 1 + \omega^3 + \omega^2 + \omega + 3, \ldots. \]

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\[ \omega^\omega + 1 + \omega^3 + \omega^2 + \omega, \omega^\omega + 1 + \omega^3 + \omega^2 + \omega + 1, \omega^\omega + 1 + \omega^3 + \omega^2 + \omega + 2, \omega^\omega + 1 + \omega^3 + \omega^2 + \omega + 3, \ldots. \]

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\[ \omega^\omega + 1 + \omega^3 + \omega^2 + \omega, \omega^\omega + 1 + \omega^3 + \omega^2 + \omega + 1, \omega^\omega + 1 + \omega^3 + \omega^2 + \omega + 2, \omega^\omega + 1 + \omega^3 + \omega^2 + \omega + 3, \ldots. \]

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\[ \omega^\omega + 1 + \omega^3 + \omega^2 + \omega, \omega^\omega + 1 + \omega^3 + \omega^2 + \omega + 1, \omega^\omega + 1 + \omega^3 + \omega^2 + \omega + 2, \omega^\omega + 1 + \omega^3 + \omega^2 + \omega + 3, \ldots. \]

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\[ \omega^\omega + 1 + \omega^3 + \omega^2 + \omega, \omega^\omega + 1 + \omega^3 + \omega^2 + \omega + 1, \omega^\omega + 1 + \omega^3 + \omega^2 + \omega + 2, \omega^\omega + 1 + \omega^3 + \omega^2 + \omega + 3, \ldots. \]
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\( \omega^\omega + 1 + \omega^3 + \omega^2 3 + \omega 3, \omega^\omega + 1 + \omega^3 + \omega^2 3 + \omega 3 + 1, \omega^\omega + 1 + \omega^3 + \omega^2 3 + \omega 3 + 2, \omega^\omega + 1 + \omega^3 + \omega^2 3 + \omega 3 + 3, \ldots \).  

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^\omega + 1 + \omega^3 + \omega^2 3 + \omega 3 + \omega \).

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Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+1} + \omega^3 + \omega^2 + \omega^2 + \omega \).

\[ \omega^{\omega+1} + \omega^3 + \omega^2 + \omega, \omega^{\omega+1} + \omega^3 + \omega^2 + \omega + 1, \omega^{\omega+1} + \omega^3 + \omega^2 + \omega + 2, \omega^{\omega+1} + \omega^3 + \omega^2 + \omega + 3, \ldots \].

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+1} + \omega^3 + \omega^2 + \omega + \omega \).

\[ \omega^{\omega+1} + \omega^3 + \omega^2 + \omega + \omega, \omega^{\omega+1} + \omega^3 + \omega^2 + \omega + 1, \omega^{\omega+1} + \omega^3 + \omega^2 + \omega + 2, \omega^{\omega+1} + \omega^3 + \omega^2 + \omega + 3, \ldots \].

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+1} + \omega^3 + \omega^2 + \omega + \omega + \omega \).

\[ \omega^{\omega+1} + \omega^3 + \omega^2 + \omega + \omega + \omega, \omega^{\omega+1} + \omega^3 + \omega^2 + \omega + 1, \omega^{\omega+1} + \omega^3 + \omega^2 + \omega + 2, \omega^{\omega+1} + \omega^3 + \omega^2 + \omega + 3, \ldots \].
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+1} + \omega^3 + \omega$.

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Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+1} + \omega^3 + \omega^2 + 3 + \omega$.
“\(\omega^{\omega+12} + \omega^2, \omega^{\omega+12} + \omega^2 + 1, \omega^{\omega+12} + \omega^2 + 2, \omega^{\omega+12} + \omega^2 + 3, \ldots\)”. 

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \(\omega^{\omega+12} + \omega^2 + \omega\).

“\(\omega^{\omega+12} + \omega^2 + \omega, \omega^{\omega+12} + \omega^2 + \omega + 1, \omega^{\omega+12} + \omega^2 + \omega + 2, \omega^{\omega+12} + \omega^2 + \omega + 3, \ldots\)”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \(\omega^{\omega+12} + \omega^2 + \omega + \omega\).

“\(\omega^{\omega+12} + \omega^2 + \omega, \omega^{\omega+12} + \omega^2 + \omega + 1, \omega^{\omega+12} + \omega^2 + \omega + 2, \omega^{\omega+12} + \omega^2 + \omega + 3, \ldots\)”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \(\omega^{\omega+12} + \omega^2 + \omega + \omega + \omega\).

“\(\omega^{\omega+12} + \omega^2 + \omega, \omega^{\omega+12} + \omega^2 + \omega + 1, \omega^{\omega+12} + \omega^2 + \omega + 2, \omega^{\omega+12} + \omega^2 + \omega + 3, \ldots\)”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \(\omega^{\omega+12} + \omega^2 + \omega + 3 + \omega\).

“\(\omega^{\omega+12} + \omega^2 + \omega, \omega^{\omega+12} + \omega^2 + \omega + 1, \omega^{\omega+12} + \omega^2 + \omega + 2, \omega^{\omega+12} + \omega^2 + \omega + 3, \ldots\)”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \(\omega^{\omega+12} + \omega^2 + \omega + 3 + \omega + 1\).

“\(\omega^{\omega+12} + \omega^2 + \omega, \omega^{\omega+12} + \omega^2 + \omega + 1, \omega^{\omega+12} + \omega^2 + \omega + 2, \omega^{\omega+12} + \omega^2 + \omega + 3, \ldots\)”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \(\omega^{\omega+12} + \omega^2 + \omega + 3 + \omega + \omega\).

“\(\omega^{\omega+12} + \omega^2 + \omega, \omega^{\omega+12} + \omega^2 + \omega + 1, \omega^{\omega+12} + \omega^2 + \omega + 2, \omega^{\omega+12} + \omega^2 + \omega + 3, \ldots\)”.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+12} + \omega^3 + \omega^2 + \omega$.

$i\omega^{\omega+12} + \omega^3 + \omega^2 + \omega, \omega^{\omega+12} + \omega^3 + \omega + 1, \omega^{\omega+12} + \omega^3 + 2, \omega^{\omega+12} + \omega^3 + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+12} + \omega^2 + \omega^3$.

... Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+12} + \omega^3 + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+12} + \omega^3 + \omega + 1$.

$i\omega^{\omega+12} + \omega^3 + \omega + 2, \omega^{\omega+12} + \omega^3 + 2, \omega^{\omega+12} + \omega^3 + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+12} + \omega^3 + \omega^2 + \omega$.

$i\omega^{\omega+12} + \omega^3 + \omega^2 + \omega + 2, \omega^{\omega+12} + \omega^3 + \omega^2 + \omega + 3, \omega^{\omega+12} + \omega^3 + \omega + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+12} + \omega^3$.

$i\omega^{\omega+12} + \omega^3 + \omega, \omega^{\omega+12} + \omega^3 + \omega + 1, \omega^{\omega+12} + \omega^3 + \omega + 2, \omega^{\omega+12} + \omega^3 + \omega + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+12} + \omega^2 + \omega$.

$i\omega^{\omega+12} + \omega^2 + \omega + 2, \omega^{\omega+12} + \omega^2 + \omega + 3, \omega^{\omega+12} + \omega^2 + \omega + 3, \omega^{\omega+12} + \omega^2 + \omega + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+12} + \omega^3 + \omega^2 + \omega$.

$i\omega^{\omega+12} + \omega^3 + \omega^2 + \omega + 3, \omega^{\omega+12} + \omega^3 + \omega^2 + \omega + 3 + 1, \omega^{\omega+12} + \omega^3 + \omega^2 + \omega + 3 + 1, \omega^{\omega+12} + \omega^3 + \omega^2 + \omega + 3 + 2, \omega^{\omega+12} + \omega^3 + \omega^2 + \omega + 3 + 2, \omega^{\omega+12} + \omega^3 + \omega^2 + \omega + 3 + 3, \ldots$.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+1} + \omega^3 + \omega^2 + \omega^2 \).
\[
\iota \omega^{\omega+1} + \omega^3 + \omega^2, \omega^{\omega+1} + \omega^3 + \omega^2 + 1, \omega^{\omega+1} + \omega^3 + \omega^2 + 2, \omega^{\omega+1} + \omega^3 + \omega^2 + 3, \ldots.
\]
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+1} + \omega^3 + \omega^2 + \omega \).
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\iota \omega^{\omega+1} + \omega^3 + \omega^2 + \omega, \omega^{\omega+1} + \omega^3 + \omega^2 + \omega + 1, \omega^{\omega+1} + \omega^3 + \omega^2 + \omega + 2, \omega^{\omega+1} + \omega^3 + \omega^2 + \omega + 3, \ldots.
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\iota \omega^{\omega+1} + \omega^3 + \omega^2 + \omega + \omega, \omega^{\omega+1} + \omega^3 + \omega^2 + \omega + 1, \omega^{\omega+1} + \omega^3 + \omega^2 + \omega + 2, \omega^{\omega+1} + \omega^3 + \omega^2 + \omega + 3, \ldots
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\[
\iota \omega^{\omega+12} + \omega^3 + \omega^2 + \omega^3 + \omega + 1, \omega^{\omega+12} + \omega^3 + \omega^2 + \omega^3 + \omega + 2, \omega^{\omega+12} + \omega^3 + \omega^2 + \omega^3 + \omega + 3, \ldots
\]
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+12} + \omega^3 + \omega^2 + \omega^3 + \omega + \omega \).
\[
\iota \omega^{\omega+12} + \omega^3 + \omega^2 + \omega^3 + \omega + \omega, \omega^{\omega+12} + \omega^3 + \omega^2 + \omega^3 + \omega + 1, \omega^{\omega+12} + \omega^3 + \omega^2 + \omega^3 + \omega + 2, \omega^{\omega+12} + \omega^3 + \omega^2 + \omega^3 + \omega + 3, \ldots
\]
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+12} + \omega^3 + \omega^2 + \omega^3 + \omega + \omega + \omega \).
\[
\iota \omega^{\omega+12} + \omega^3 + \omega^2 + \omega^3 + \omega + \omega + \omega, \omega^{\omega+12} + \omega^3 + \omega^2 + \omega^3 + \omega + 1, \omega^{\omega+12} + \omega^3 + \omega^2 + \omega^3 + \omega + 2, \omega^{\omega+12} + \omega^3 + \omega^2 + \omega^3 + \omega + 3, \ldots
\]
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+12} + \omega^3 + \omega^2 + \omega^3 + \omega + \omega + \omega + \omega \).
\[
\iota \omega^{\omega+12} + \omega^3 + \omega^2 + \omega^3 + \omega + \omega + \omega + \omega, \omega^{\omega+12} + \omega^3 + \omega^2 + \omega^3 + \omega + 1, \omega^{\omega+12} + \omega^3 + \omega^2 + \omega^3 + \omega + 2, \omega^{\omega+12} + \omega^3 + \omega^2 + \omega^3 + \omega + 3, \ldots
\]
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+12} + \omega^{32} + \omega$.

"$\omega^{\omega+12} + \omega^{32} + \omega, \omega^{\omega+12} + \omega^{32} + \omega + 1, \omega^{\omega+12} + \omega^{32} + \omega + 2, \omega^{\omega+12} + \omega^{32} + \omega + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+12} + \omega^{32} + \omega + \omega$.

"$\omega^{\omega+12} + \omega^{32} + \omega + 2, \omega^{\omega+12} + \omega^{32} + \omega + 2 + 1, \omega^{\omega+12} + \omega^{32} + \omega + 2 + 2, \omega^{\omega+12} + \omega^{32} + \omega + 2 + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+12} + \omega^{32} + \omega^3 + \omega$.

"$\omega^{\omega+12} + \omega^{32} + \omega^3 + \omega + \omega, \omega^{\omega+12} + \omega^{32} + \omega^3 + \omega + 1, \omega^{\omega+12} + \omega^{32} + \omega^3 + \omega + 2, \omega^{\omega+12} + \omega^{32} + \omega^3 + \omega + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+12} + \omega^{32} + \omega^3 + \omega + \omega$.

"$\omega^{\omega+12} + \omega^{32} + \omega^3 + \omega + 2, \omega^{\omega+12} + \omega^{32} + \omega^3 + \omega + 2 + 1, \omega^{\omega+12} + \omega^{32} + \omega^3 + \omega + 2 + 2, \omega^{\omega+12} + \omega^{32} + \omega^3 + \omega + 2 + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+12} + \omega^{32} + \omega^3 + \omega^3 + \omega$.

"$\omega^{\omega+12} + \omega^{32} + \omega^3 + \omega^3 + \omega + \omega, \omega^{\omega+12} + \omega^{32} + \omega^3 + \omega^3 + \omega + 1, \omega^{\omega+12} + \omega^{32} + \omega^3 + \omega^3 + \omega + 2, \omega^{\omega+12} + \omega^{32} + \omega^3 + \omega^3 + \omega + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+12} + \omega^{32} + \omega^3 + \omega^3 + \omega + \omega$.

"$\omega^{\omega+12} + \omega^{32} + \omega^3 + \omega^3 + \omega + 2, \omega^{\omega+12} + \omega^{32} + \omega^3 + \omega^3 + \omega + 2 + 1, \omega^{\omega+12} + \omega^{32} + \omega^3 + \omega^3 + \omega + 2 + 2, \omega^{\omega+12} + \omega^{32} + \omega^3 + \omega^3 + \omega + 2 + 3, \ldots$.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+12} + \omega^{3+2} + \omega^2 + \omega^2 + \omega + 2$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+12} + \omega^{3+2} + \omega, \omega^{\omega+12} + \omega^{3} + \omega^3 + \omega^2 + \omega^2 + \omega + 2 + 1, \omega^{\omega+12} + \omega^{3} + \omega + 2 + 1, \omega^{\omega+12} + \omega^{3} + \omega^2 + \omega^2 + \omega + 3 + 1, \omega^{\omega+12} + \omega^{3} + \omega^3 + \omega + 3 + 1, \omega^{\omega+12} + \omega^{3} + \omega + 3 + 1$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+12} + \omega^3 + \omega^2 + \omega + 2$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+12} + \omega^{3} + \omega^3 + \omega^2 + \omega + 2$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+12} + \omega^{3} + \omega^3 + \omega + 2$.

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Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+12} + \omega^{3} + \omega + 3 + 1$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+12} + \omega^{3} + \omega + 3 + 1$.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \(\omega^{\omega+1} + 2 + \omega^3 + \omega^2\).
\[\omega^{\omega+1} + 2 + \omega^3 + \omega^2, \omega^{\omega+1} + 2 + \omega^3 + \omega^2 + 1, \omega^{\omega+1} + 2 + \omega^3 + \omega^2 + 2, \omega^{\omega+1} + 2 + \omega^3 + \omega^2 + 3, \ldots \].

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \(\omega^{\omega+1} + 2 + \omega^3 + \omega^2 + \omega\).
\[\omega^{\omega+1} + 2 + \omega^3 + \omega^2 + \omega, \omega^{\omega+1} + 2 + \omega^3 + \omega^2 + \omega + 1, \omega^{\omega+1} + 2 + \omega^3 + \omega^2 + \omega + 2, \omega^{\omega+1} + 2 + \omega^3 + \omega^2 + \omega + 3, \ldots \].

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \(\omega^{\omega+1} + 2 + \omega^3 + \omega^2 + \omega^3 + \omega^2 + \omega + \omega + 3\).
\[\omega^{\omega+1} + 2 + \omega^3 + \omega^2 + \omega^3 + \omega^2 + \omega + \omega + 3 + 1, \omega^{\omega+1} + 2 + \omega^3 + \omega^2 + \omega^3 + \omega^2 + \omega + 3 + 2, \omega^{\omega+1} + 2 + \omega^3 + \omega^2 + \omega^3 + \omega^2 + \omega + 3 + 3, \ldots \].
... Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+1} + \omega^3 + \omega^3 + \omega$, $\omega^{\omega+1} + \omega^3 + \omega^3 + \omega + 1$, $\omega^{\omega+1} + \omega^3 + \omega^3 + \omega + 2$, $\omega^{\omega+1} + \omega^3 + \omega^3 + \omega + 3$, ... “.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+1} + \omega^3 + \omega^3 + \omega + 2$. $\omega^{\omega+1} + \omega^3 + \omega^3 + \omega + 2 + 1$, $\omega^{\omega+1} + \omega^3 + \omega^3 + \omega + 2 + 2$, $\omega^{\omega+1} + \omega^3 + \omega^3 + \omega + 2 + 3$, ... “.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+1} + \omega^3 + \omega^3 + \omega + 2 + \omega$. $\omega^{\omega+1} + \omega^3 + \omega^3 + \omega^3 + \omega + 3$, $\omega^{\omega+1} + \omega^3 + \omega^3 + \omega^3 + \omega + 3 + 1$, $\omega^{\omega+1} + \omega^3 + \omega^3 + \omega^3 + \omega + 3 + 2$, $\omega^{\omega+1} + \omega^3 + \omega^3 + \omega^3 + \omega + 3 + 3$, ... “.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+1} + \omega^3 + \omega^3 + \omega + 3 + \omega$. $\omega^{\omega+1} + \omega^3 + \omega^3 + \omega^3 + \omega^2 + 1$, $\omega^{\omega+1} + \omega^3 + \omega^3 + \omega^2 + 2$, $\omega^{\omega+1} + \omega^3 + \omega^3 + \omega^2 + 3$, ... “.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+1} + \omega^3 + \omega^3 + \omega^2 + \omega$. $\omega^{\omega+1} + \omega^3 + \omega^3 + \omega^2 + \omega + 1$, $\omega^{\omega+1} + \omega^3 + \omega^3 + \omega^2 + \omega + 2$, $\omega^{\omega+1} + \omega^3 + \omega^3 + \omega^2 + \omega + 3$, $\omega^{\omega+1} + \omega^3 + \omega^3 + \omega^2 + \omega + 4$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+1} + \omega^2 + \omega + \omega$. $\omega^{\omega+1} + \omega^2 + \omega + \omega + 1$, $\omega^{\omega+1} + \omega^2 + \omega + \omega + 2$, $\omega^{\omega+1} + \omega^2 + \omega + \omega + 3$, $\omega^{\omega+1} + \omega^2 + \omega + \omega + 4$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+1} + \omega^2 + \omega + \omega + \omega$. $\omega^{\omega+1} + \omega^2 + \omega + \omega + \omega + 1$, $\omega^{\omega+1} + \omega^2 + \omega + \omega + \omega + 2$, $\omega^{\omega+1} + \omega^2 + \omega + \omega + \omega + 3$, $\omega^{\omega+1} + \omega^2 + \omega + \omega + \omega + 4$.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+13} + \omega^2 + \omega^3 + \omega \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+13} + \omega^2 + \omega^2 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+13} + \omega^2 + \omega^2 + 1, \omega^{\omega+13} + \omega^2 + 2, \omega^{\omega+13} + \omega^2 + 3, \ldots \) “.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+13} + \omega^2 + \omega \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+13} + \omega^2 + \omega^2 + \omega + 1, \omega^{\omega+13} + \omega^2 + \omega + 2, \omega^{\omega+13} + \omega^2 + \omega + 3, \ldots \) “.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+13} + \omega^2 + \omega + \omega \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+13} + \omega^2 + \omega + \omega^2 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+13} + \omega^2 + \omega^2 + \omega + 1, \omega^{\omega+13} + \omega^2 + \omega^2 + \omega + 2, \omega^{\omega+13} + \omega^2 + \omega^2 + \omega + 3, \omega^3 + 1, \omega^3 + 2, \omega^3 + 3, \ldots \) “.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+13} + \omega^2 + \omega^3 + \omega \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+13} + \omega^2 + \omega^3 + \omega^2 + \omega + 1, \omega^{\omega+13} + \omega^2 + \omega^3 + \omega^2 + \omega + 2, \omega^{\omega+13} + \omega^2 + \omega^3 + \omega^2 + \omega + 3, \omega^3 + 1, \omega^3 + 2, \omega^3 + 3, \ldots \) “.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \(\omega^{\omega+13} + \omega^3 + \omega\).  
\[\omega^{\omega+13} + \omega^3 + \omega, \omega^{\omega+13} + \omega^3 + \omega + 1, \omega^{\omega+13} + \omega^3 + \omega + 2, \omega^{\omega+13} + \omega^3 + \omega + 3, \ldots.\]

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \(\omega^{\omega+13} + \omega^3 + \omega + \omega\).  
\[\omega^{\omega+13} + \omega^3 + \omega + 2, \omega^{\omega+13} + \omega^3 + \omega + 3 + 1, \omega^{\omega+13} + \omega^3 + \omega + 3 + 2, \omega^{\omega+13} + \omega^3 + \omega + 3 + 3, \ldots.\]

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \(\omega^{\omega+13} + \omega^3 + \omega + 3 + \omega\).

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\ldots.
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Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \(\omega^{\omega+13} + \omega^3 + \omega^2 + \omega^2 + \omega + \omega\).

\[
\omega^{\omega+13} + \omega^3 + \omega^2 + \omega, \omega^{\omega+13} + \omega^3 + \omega^2 + \omega + 1, \omega^{\omega+13} + \omega^3 + \omega^2 + \omega + 2, \omega^{\omega+13} + \omega^3 + \omega^2 + \omega + 2 + 1, \omega^{\omega+13} + \omega^3 + \omega^2 + \omega + 3 + 1, \omega^{\omega+13} + \omega^3 + \omega^2 + \omega + 3 + 2, \omega^{\omega+13} + \omega^3 + \omega^2 + \omega + 3 + 3, \ldots.
\]

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \(\omega^{\omega+13} + \omega^3 + \omega^2 + \omega^3 + \omega\).

\[
\ldots.
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Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \(\omega^{\omega+13} + \omega^3 + \omega^2 + \omega^2 + \omega^2 + \omega^2 + \omega + \omega\).

\[
\omega^{\omega+13} + \omega^3 + \omega^2 + \omega, \omega^{\omega+13} + \omega^3 + \omega^2 + \omega + 1, \omega^{\omega+13} + \omega^3 + \omega^2 + \omega + 2, \omega^{\omega+13} + \omega^3 + \omega^2 + \omega + 2 + 1, \omega^{\omega+13} + \omega^3 + \omega^2 + \omega + 2 + 2, \omega^{\omega+13} + \omega^3 + \omega^2 + \omega + 2 + 3, \ldots.
\]

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Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+13} + \omega^3 + \omega^2 + \omega + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+13} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+13} + \omega^3 + \omega^2 + \omega + \omega + 1$, $\omega^{\omega+13} + \omega^3 + \omega^2 + \omega + 2$, $\omega^{\omega+13} + \omega^3 + \omega^2 + \omega + 3$, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+13} + \omega^3 + \omega^2 + \omega^2 + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+13} + \omega^3 + \omega^2 + \omega^2 + \omega^2 + \omega$, $\omega^{\omega+13} + \omega^3 + \omega^2 + \omega^2 + \omega + 1$, $\omega^{\omega+13} + \omega^3 + \omega^2 + \omega^2 + \omega + 2$, $\omega^{\omega+13} + \omega^3 + \omega^2 + \omega^2 + \omega + 3$, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+13} + \omega^3 + \omega^2 + \omega + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+13} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+13} + \omega^3 + \omega^2 + \omega + 1$, $\omega^{\omega+13} + \omega^3 + \omega^2 + \omega + 2$, $\omega^{\omega+13} + \omega^3 + \omega^2 + \omega + 3$, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+13} + \omega^3 + \omega^2 + \omega + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+13} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+13} + \omega^3 + \omega^2 + \omega + 1$, $\omega^{\omega+13} + \omega^3 + \omega^2 + \omega + 2$, $\omega^{\omega+13} + \omega^3 + \omega^2 + \omega + 3$, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+13} + \omega^3 + \omega^2 + \omega + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+13} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+13} + \omega^3 + \omega^2 + \omega + 1$, $\omega^{\omega+13} + \omega^3 + \omega^2 + \omega + 2$, $\omega^{\omega+13} + \omega^3 + \omega^2 + \omega + 3$, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+13} + \omega^3 + \omega^2 + \omega + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+13} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+13} + \omega^3 + \omega^2 + \omega + 1$, $\omega^{\omega+13} + \omega^3 + \omega^2 + \omega + 2$, $\omega^{\omega+13} + \omega^3 + \omega^2 + \omega + 3$, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+13} + \omega^3 + \omega^2 + \omega + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+13} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+13} + \omega^3 + \omega^2 + \omega + 1$, $\omega^{\omega+13} + \omega^3 + \omega^2 + \omega + 2$, $\omega^{\omega+13} + \omega^3 + \omega^2 + \omega + 3$, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+13} + \omega^3 + \omega^2 + \omega + \omega$.  

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Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+13} + \omega^{3} + \omega^2 + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+13} + \omega^3 + \omega^2 + \omega + 1$, $\omega^{\omega+13} + \omega^3 + \omega^2 + \omega + 1$, $\omega^{\omega+13} + \omega^3 + \omega^2 + \omega + 1$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+13} + \omega^3 + \omega^2 + \omega + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+13} + \omega^3 + \omega^2 + \omega + \omega + 3$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+13} + \omega^3 + \omega^2 + \omega + \omega + 3$, $\omega^{\omega+13} + \omega^3 + \omega^2 + \omega + \omega + 3$, $\omega^{\omega+13} + \omega^3 + \omega^2 + \omega + \omega + 3$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+13} + \omega^3 + \omega^2 + \omega + \omega + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+13} + \omega^3 + \omega^2 + \omega + \omega + \omega + \omega$.

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Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+13} + \omega^3 + \omega^2 + \omega + \omega + \omega + \omega + \omega + \omega$.  

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+13} + \omega^3 + \omega^2 + \omega + \omega + \omega + \omega + \omega + \omega + \omega + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+13} + \omega^3 + \omega^2 + \omega + \omega + \omega + \omega + \omega + \omega + \omega + \omega + \omega + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+13} + \omega^3 + \omega^2 + \omega + \omega + \omega + \omega + \omega + \omega + \omega + \omega + \omega + \omega + \omega + \omega$.  

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+13} + \omega^3 + \omega^2 + \omega + \omega + \omega + \omega + \omega + \omega + \omega + \omega + \omega + \omega + \omega$.  

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+13} + \omega^3 + \omega^2 + \omega + \omega + \omega + \omega + \omega + \omega + \omega + \omega + \omega + \omega + \omega + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+13} + \omega^3 + \omega^2 + \omega + \omega + \omega + \omega + \omega + \omega + \omega + \omega + \omega + \omega + \omega + \omega + \omega + \omega + \omega + \omega + \omega + \omega$.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^{\omega+1}+3} + \omega^3 + \omega^2 + \omega^3 + \omega$, $\omega^{\omega^{\omega+1}+3} + \omega^3 + \omega^2 + \omega^3 + \omega^2 + 1$, $\omega^{\omega^{\omega+1}+3} + \omega^3 + \omega^2 + \omega + 2$, $\omega^{\omega^{\omega+1}+3} + \omega^3 + \omega^2 + \omega + 3$, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+1}+3 + \omega^3 + \omega^2 + \omega + \omega$.

$\omega^{\omega^{\omega+1}+3} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega^{\omega+1}+3} + \omega^3 + \omega^2 + \omega^3 + \omega^2 + 1$, $\omega^{\omega^{\omega+1}+3} + \omega^3 + \omega^2 + \omega^3 + \omega + 2$, $\omega^{\omega^{\omega+1}+3} + \omega^3 + \omega^2 + \omega + 3$, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^{\omega+1}+3} + \omega^3 + \omega^2 + \omega^2 + \omega$. $\omega^{\omega^{\omega+1}+3} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega^{\omega+1}+3} + \omega^3 + \omega^2 + \omega^3 + \omega^3 + \omega + 1$, $\omega^{\omega^{\omega+1}+3} + \omega^3 + \omega^2 + \omega^3 + \omega + 2$, $\omega^{\omega^{\omega+1}+3} + \omega^3 + \omega^2 + \omega + 3$, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+1}+3 + \omega^3 + \omega^2 + \omega^2 + \omega$.

$\omega^{\omega^{\omega+1}+3} + \omega^3 + \omega^2 + \omega$, $\omega^{\omega^{\omega+1}+3} + \omega^3 + \omega^2 + \omega^2 + 1$, $\omega^{\omega^{\omega+1}+3} + \omega^3 + \omega^2 + \omega^2 + 2$, $\omega^{\omega^{\omega+1}+3} + \omega^3 + \omega^2 + 3$, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+1}+3 + \omega^3 + \omega^3 + \omega$. $\omega^{\omega^{\omega+1}+3} + \omega^3 + \omega^2 + \omega$, $\omega^{\omega^{\omega+1}+3} + \omega^3 + \omega^2 + \omega^2 + 1$, $\omega^{\omega^{\omega+1}+3} + \omega^3 + \omega^2 + \omega^2 + 2$, $\omega^{\omega^{\omega+1}+3} + \omega^3 + \omega^2 + \omega^2 + 3$, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+1}+3 + \omega^3 + \omega^2 + \omega + \omega$.

$\omega^{\omega^{\omega+1}+3} + \omega^3 + \omega^2 + \omega$, $\omega^{\omega^{\omega+1}+3} + \omega^3 + \omega^2 + \omega^2 + 1$, $\omega^{\omega^{\omega+1}+3} + \omega^3 + \omega^2 + \omega^2 + 2$, $\omega^{\omega^{\omega+1}+3} + \omega^3 + \omega^2 + \omega^2 + 3$, ...

...
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+1} + 3 + \omega^{3} + \omega^{2} + \omega + 2 + \omega. \)

\[
\omega^{\omega+1} + 3 + \omega^{3} + \omega^{2} + \omega, \omega^{\omega+1} + 3 + \omega^{3} + \omega^{2} + \omega + 3 + 1, \omega^{\omega+1} + 3 + \omega^{3} + \omega^{2} + \omega + 3 + 2,
\]

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+1} + 3 + \omega^{3} + \omega^{2} + \omega + 3 + \omega. \)

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+1} + 3 + \omega^{3} + \omega^{2} + \omega + 3 + \omega. \)

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+1} + 3 + \omega^{3} + \omega^{2} + \omega + 3 + \omega. \)

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Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+1} + 3 + \omega^{3} + \omega^{2} + \omega + 3 + \omega. \)

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+1} + 3 + \omega^{3} + \omega^{2} + \omega + 3 + \omega. \)

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+1} + 3 + \omega^{3} + \omega^{2} + \omega + 3 + \omega. \)

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+1} + 3 + \omega^{3} + \omega^{2} + \omega + 3 + \omega. \)

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+1} + 3 + \omega^{3} + \omega^{2} + \omega + 3 + \omega. \)

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+1} + 3 + \omega^{3} + \omega^{2} + \omega + 3 + \omega. \)

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+1} + 3 + \omega^{3} + \omega^{2} + \omega + 3 + \omega. \)

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+1} + 3 + \omega^{3} + \omega^{2} + \omega + 3 + \omega. \)

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+1} + 3 + \omega^{3} + \omega^{2} + \omega + 3 + \omega. \)

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+1} + 3 + \omega^{3} + \omega^{2} + \omega + 3 + \omega. \)

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+1} + 3 + \omega^{3} + \omega^{2} + \omega + 3 + \omega. \)

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+1} + 3 + \omega^{3} + \omega^{2} + \omega + 3 + \omega. \)

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+1} + 3 + \omega^{3} + \omega^{2} + \omega + 3 + \omega. \)

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+1} + 3 + \omega^{3} + \omega^{2} + \omega + 3 + \omega. \)

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+1} + 3 + \omega^{3} + \omega^{2} + \omega + 3 + \omega. \)
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+1} \omega + \omega^3 + \omega^2 3 + \omega^2$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+1} \omega + \omega^3 + \omega^3$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^{\omega+2} + 1, \omega^{\omega+2} + 2, \omega^{\omega+2} + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega, \omega^{\omega+2} + \omega + 1, \omega^{\omega+2} + \omega + 2, \omega^{\omega+2} + \omega + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^2$, $\omega^{\omega+2} + \omega^2 + 1, \omega^{\omega+2} + \omega^2 + 2, \omega^{\omega+2} + \omega^2 + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^2 + \omega$. $\omega^{\omega+2} + \omega^2 + \omega + 1, \omega^{\omega+2} + \omega^2 + \omega + 2, \omega^{\omega+2} + \omega^2 + \omega + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^3$, $\omega^{\omega+2} + \omega^3 + 1, \omega^{\omega+2} + \omega^3 + 2, \omega^{\omega+2} + \omega^3 + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^2 + \omega + \omega$. $\omega^{\omega+2} + \omega^2 + \omega + 1, \omega^{\omega+2} + \omega^2 + \omega + 2, \omega^{\omega+2} + \omega^2 + \omega + 2 + \omega + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^3 + \omega + \omega$. $\omega^{\omega+2} + \omega^3 + \omega + 1, \omega^{\omega+2} + \omega^3 + 2, \omega^{\omega+2} + \omega^3 + 2 + \omega + 3, \ldots$.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^2 + \omega^2 + \omega + 1$. Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^2 + \omega^2 + 2$. Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^2 + \omega^2 + \omega + 2$. Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^2 + \omega^2 + \omega + 3$. Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^2 + \omega^2 + \omega + 4$. Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^2 + \omega^2 + \omega + 5$. Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^2 + \omega^2 + \omega + 6$. Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^2 + \omega^2 + \omega + 7$. Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^2 + \omega^2 + \omega + 8$. Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^2 + \omega^2 + \omega + 9$. Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^2 + \omega^2 + \omega + 10$. Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^2 + \omega^2 + \omega + 11$. Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^2 + \omega^2 + \omega + 12$. Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^2 + \omega^2 + \omega + 13$. Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^2 + \omega^2 + \omega + 14$. Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^2 + \omega^2 + \omega + 15$. Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^2 + \omega^2 + \omega + 16$. Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^2 + \omega^2 + \omega + 17$. Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^2 + \omega^2 + \omega + 18$. Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^2 + \omega^2 + \omega + 19$. Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^2 + \omega^2 + \omega + 20$. Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^2 + \omega^2 + \omega + 21$. Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^2 + \omega^2 + \omega + 22$. Eventu
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^3 + \omega + \omega$. 

... 

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^3 + \omega^2$.

$\omega^{\omega+2} + \omega^3 + \omega^2 + \omega^2 + \omega^2 + 1$, $\omega^{\omega+2} + \omega^3 + \omega^2 + 2$, $\omega^{\omega+2} + \omega^3 + \omega^2 + 3$, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^3 + \omega^2 +\omega + \omega$.

$\omega^{\omega+2} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+2} + \omega^3 + \omega^2 + \omega^2 + \omega^2 + 1$, $\omega^{\omega+2} + \omega^3 + \omega^2 + 2$, $\omega^{\omega+2} + \omega^3 + \omega^2 + 3$, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^3 + \omega^2 + \omega + \omega$.

$\omega^{\omega+2} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+2} + \omega^3 + \omega^2 + \omega^2 + \omega^2 + 1$, $\omega^{\omega+2} + \omega^3 + \omega^2 + 2$, $\omega^{\omega+2} + \omega^3 + \omega^2 + 3$, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^3 + \omega^2 + \omega + \omega$.

...
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+2} + \omega^3 + \omega^2\omega + \omega \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+2} + \omega^3 + \omega^2\omega + \omega + \omega \).

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Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+2} + \omega^3 + \omega^2\omega + \omega + \omega \).
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega + 2} + \omega^{3} + \omega^{2} + \omega + 2$, $\omega^{\omega + 2} + \omega^{3} + \omega^{2} + \omega^{2} + 1$, $\omega^{\omega + 2} + \omega^{3} + \omega^{2} + \omega^{2} + 2$, $\omega^{\omega + 2} + \omega^{3} + \omega^{2} + \omega^{2} + 3$, ... ”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega + 2} + \omega^{3} + \omega^{2} + \omega + 2$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega + 2} + \omega^{3} + \omega^{2} + \omega + 2$.

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Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega + 2} + \omega^{3} + \omega^{2} + \omega + 2$.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega + 2} + \omega^{3} + \omega^{2} + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega + 2} + \omega^{3} + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega + 2} + \omega^{3} + \omega^3 + 1$, $\omega^{\omega + 2} + \omega^{3} + 2$, $\omega^{\omega + 2} + \omega^{3} + 3$, ... “.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega + 2} + \omega^{3}$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega + 2} + \omega^{3} + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega + 2} + \omega^{3} + \omega + 1$, $\omega^{\omega + 2} + \omega^{3} + \omega + 2$, $\omega^{\omega + 2} + \omega^{3} + \omega + 3$, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega + 2} + \omega^{3} + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega + 2} + \omega^{3} + \omega + 1$, $\omega^{\omega + 2} + \omega^{3} + \omega + 2 + 1$, $\omega^{\omega + 2} + \omega^{3} + \omega + 2 + 2$, $\omega^{\omega + 2} + \omega^{3} + \omega + 3 + 2$, $\omega^{\omega + 2} + \omega^{3} + \omega + 3 + 3$, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega + 2} + \omega^{3} + \omega + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega + 2} + \omega^{3} + \omega + 1$, $\omega^{\omega + 2} + \omega^{3} + \omega + 2 + 1$, $\omega^{\omega + 2} + \omega^{3} + \omega + 2 + 2$, $\omega^{\omega + 2} + \omega^{3} + \omega + 3 + 2$, $\omega^{\omega + 2} + \omega^{3} + \omega + 3 + 3$, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega + 2} + \omega^{3} + \omega + \omega$.

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Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega + 2} + \omega^{3} + \omega + \omega$.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{+2} + \omega^3 + \omega^2 + \omega + \omega \).
\[ \omega^{\omega^{+2} + \omega^3 + \omega^2 + \omega + \omega}, \omega^{\omega^{+2} + \omega^3 + \omega^2 + \omega + 1}, \omega^{\omega^{+2} + \omega^3 + \omega^2 + \omega + 2}, \omega^{\omega^{+2} + \omega^3 + \omega^2 + \omega + 3}, \ldots. \]

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega^{+2} + \omega^3 + \omega^2 + \omega + \omega} \).
\[ \omega^{\omega^{+2} + \omega^3 + \omega^2 + \omega + \omega}, \omega^{\omega^{+2} + \omega^3 + \omega^2 + \omega + 1}, \omega^{\omega^{+2} + \omega^3 + \omega^2 + \omega + 2}, \omega^{\omega^{+2} + \omega^3 + \omega^2 + \omega + 3}, \ldots. \]

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega^{+2} + \omega^3 + \omega^2 + \omega + \omega}, \omega^{\omega^{+2} + \omega^3 + \omega^2 + \omega + 1}, \omega^{\omega^{+2} + \omega^3 + \omega^2 + \omega + 2}, \omega^{\omega^{+2} + \omega^3 + \omega^2 + \omega + 3}, \ldots. \)
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+2} + \omega^2 + \omega \).

… 

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+2} + \omega^3 \), \( \omega^{\omega+2} + \omega^3 + 1 \), \( \omega^{\omega+2} + \omega^3 + 2 \), \( \omega^{\omega+2} + \omega^3 + 3 \), … ".

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+2} + \omega^3 + \omega \).

… 

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+2} + \omega^3 + \omega^2 + \omega^2 + \omega \).

… 

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+2} + \omega^3 + \omega^2 + \omega^2 + \omega^2 + \omega^2 + \omega^2 + \omega^2 + \omega^2 + \omega + 3 \), … 

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+2} + \omega^3 + \omega^2 + \omega^2 + \omega^2 + \omega^2 + \omega + 3 \), … 

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+2} + \omega^3 + \omega^2 + \omega^2 + \omega + 3 \), … 

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+2} + \omega^3 + \omega^2 + \omega + 3 \), … 

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+2} + \omega^3 + \omega^2 + \omega^2 + \omega^2 + \omega^2 + \omega^2 + \omega^2 + \omega + 3 \), … 

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+2} + \omega^3 + \omega^2 + \omega + 3 \), … 

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+2} + \omega^3 + \omega^2 + \omega^2 + \omega^2 + \omega^2 + \omega^2 + \omega^2 + \omega + 3 \), … 

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+2} + \omega^3 + \omega^2 + \omega^2 + \omega^2 + \omega^2 + \omega^2 + \omega + 3 \), … 

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+2} + \omega^3 + \omega^2 + \omega + 3 \), … 

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+2} + \omega^3 + \omega^2 + \omega^2 + \omega^2 + \omega^2 + \omega^2 + \omega + 3 \), … 

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+2} + \omega^3 + \omega^2 + \omega + 3 \), … 

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+2} + \omega^3 + \omega^2 + \omega^2 + \omega^2 + \omega^2 + \omega^2 + \omega + 3 \), … 

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+2} + \omega^3 + \omega^2 + \omega + 3 \), … 

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+2} + \omega^3 + \omega^2 + \omega^2 + \omega^2 + \omega^2 + \omega^2 + \omega + 3 \), … 

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+2} + \omega^3 + \omega^2 + \omega + 3 \), … 

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+2} + \omega^3 + \omega^2 + \omega^2 + \omega^2 + \omega^2 + \omega^2 + \omega + 3 \), … 

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+2} + \omega^3 + \omega^2 + \omega + 3 \), … 

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Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+2} + \omega^3 + \omega^2 + \omega^2 + \omega^2 + \omega^2 + \omega^2 + \omega + 3 \), … 

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+2} + \omega^3 + \omega^2 + \omega + 3 \), … 

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+2} + \omega^3 + \omega^2 + \omega^2 + \omega^2 + \omega^2 + \omega^2 + \omega + 3 \), …
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^2 3 + \omega$.

$\omega^{\omega+2} + \omega^2 3 + \omega, \omega^{\omega+2} + \omega^2 3 + \omega + 1, \omega^{\omega+2} + \omega^2 3 + \omega + 2, \omega^{\omega+2} + \omega^2 3 + \omega + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^2 3 + \omega + \omega$.

$\omega^{\omega+2} + \omega^2 3 + \omega 2, \omega^{\omega+2} + \omega^2 3 + \omega 2 + 1, \omega^{\omega+2} + \omega^2 3 + \omega 2 + 2, \omega^{\omega+2} + \omega^2 3 + \omega 2 + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^2 3 + \omega 3 + \omega$.

$\omega^{\omega+2} + \omega^2 3 + \omega 3, \omega^{\omega+2} + \omega^2 3 + \omega 3 + 1, \omega^{\omega+2} + \omega^2 3 + \omega 3 + 2, \omega^{\omega+2} + \omega^2 3 + \omega 3 + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^2 3 + \omega^2$.

$\omega^{\omega+2} + \omega^2 3 + \omega^2, \omega^{\omega+2} + \omega^2 3 + \omega^2 + 1, \omega^{\omega+2} + \omega^2 3 + \omega^2 + 2, \omega^{\omega+2} + \omega^2 3 + \omega^2 + 3, \ldots$.
\[ \omega^{\omega+2} + \omega^3 + \omega^2 + \omega, \omega^{\omega+2} + \omega^3 + \omega^2 + \omega + 1, \omega^{\omega+2} + \omega^3 + \omega^2 + \omega + 2, \omega^{\omega+2} + \omega^3 + \omega^2 + \omega + 3, \ldots \].

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+2} + \omega^3 + \omega^2 + \omega \).

\[ \omega^{\omega+2} + \omega^3 + \omega^2 + \omega + 3, \omega^{\omega+2} + \omega^3 + \omega^2 + \omega + 3 + 1, \omega^{\omega+2} + \omega^3 + \omega^2 + \omega + 3 + 2, \omega^{\omega+2} + \omega^3 + \omega^2 + \omega + 3 + 3, \ldots \].

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+2} + \omega^3 + \omega^2 + \omega + 3 + \omega \).

... Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+2} + \omega^3 + \omega^2 + \omega^2 \).

\[ \omega^{\omega+2} + \omega^3 + \omega^2 + \omega, \omega^{\omega+2} + \omega^3 + \omega^2 + \omega + 1, \omega^{\omega+2} + \omega^3 + \omega^2 + \omega + 2, \omega^{\omega+2} + \omega^3 + \omega^2 + \omega + 3, \ldots \].

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+2} + \omega^3 + \omega^2 + \omega + \omega \).

\[ \omega^{\omega+2} + \omega^3 + \omega^2 + \omega + \omega, \omega^{\omega+2} + \omega^3 + \omega^2 + \omega + 1, \omega^{\omega+2} + \omega^3 + \omega^2 + \omega + 2, \omega^{\omega+2} + \omega^3 + \omega^2 + \omega + 3, \ldots \].

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+2} + \omega^3 + \omega^2 + \omega + \omega \).

... Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+2} + \omega^3 + \omega^2 + \omega^2 + \omega + \omega \).

\[ \omega^{\omega+2} + \omega^3 + \omega^2 + \omega + \omega, \omega^{\omega+2} + \omega^3 + \omega^2 + \omega + 1, \omega^{\omega+2} + \omega^3 + \omega^2 + \omega + 2, \omega^{\omega+2} + \omega^3 + \omega^2 + \omega + 3 + 1, \omega^{\omega+2} + \omega^3 + \omega^2 + \omega + 3 + 2, \omega^{\omega+2} + \omega^3 + \omega^2 + \omega + 3 + 3, \ldots \].

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+2} + \omega^3 + \omega^2 + \omega + \omega \).

... Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+2} + \omega^3 + \omega^2 + \omega^2 + \omega + \omega \).

\[ \omega^{\omega+2} + \omega^3 + \omega^2 + \omega + \omega, \omega^{\omega+2} + \omega^3 + \omega^2 + \omega + 1, \omega^{\omega+2} + \omega^3 + \omega^2 + \omega + 2, \omega^{\omega+2} + \omega^3 + \omega^2 + \omega + 3 + 1, \omega^{\omega+2} + \omega^3 + \omega^2 + \omega + 3 + 2, \omega^{\omega+2} + \omega^3 + \omega^2 + \omega + 3 + 3, \ldots \].

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+2} + \omega^3 + \omega^2 + \omega + \omega \).

... Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+2} + \omega^3 + \omega^2 + \omega + \omega \).

\[ \omega^{\omega+2} + \omega^3 + \omega^2 + \omega + \omega, \omega^{\omega+2} + \omega^3 + \omega^2 + \omega + 1, \omega^{\omega+2} + \omega^3 + \omega^2 + \omega + 2, \omega^{\omega+2} + \omega^3 + \omega^2 + \omega + 3 + 1, \omega^{\omega+2} + \omega^3 + \omega^2 + \omega + 3 + 2, \omega^{\omega+2} + \omega^3 + \omega^2 + \omega + 3 + 3, \ldots \].

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+2} + \omega^3 + \omega^2 + \omega + \omega \).
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+2} + \omega^3 + \omega^2$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+2} + \omega^3$.

$\omega^{\omega^2+2} + \omega^3, \omega^{\omega^2+2} + \omega^3 + 1, \omega^{\omega^2+2} + \omega^3 + 2, \omega^{\omega^2+2} + \omega^3 + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+2} + \omega^3 + \omega$.

$\omega^{\omega^2+2} + \omega^3 + \omega, \omega^{\omega^2+2} + \omega^3 + \omega + 1, \omega^{\omega^2+2} + \omega^3 + \omega + 2, \omega^{\omega^2+2} + \omega^3 + \omega + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+2} + \omega^3 + \omega^2$.

$\omega^{\omega^2+2} + \omega^3 + \omega^2, \omega^{\omega^2+2} + \omega^3 + \omega^2 + 1, \omega^{\omega^2+2} + \omega^3 + \omega^2 + 2, \omega^{\omega^2+2} + \omega^3 + \omega^2 + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+2} + \omega^3 + \omega^2 + \omega$.

$\omega^{\omega^2+2} + \omega^3 + \omega^2 + \omega, \omega^{\omega^2+2} + \omega^3 + \omega^2 + \omega + 1, \omega^{\omega^2+2} + \omega^3 + \omega^2 + \omega + 2, \omega^{\omega^2+2} + \omega^3 + \omega^2 + \omega + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+2} + \omega^3 + \omega^2 + \omega^3 + \omega$.

$\omega^{\omega^2+2} + \omega^3 + \omega^2 + \omega^3 + \omega, \omega^{\omega^2+2} + \omega^3 + \omega^2 + \omega^3 + \omega + 1, \omega^{\omega^2+2} + \omega^3 + \omega^2 + \omega^3 + \omega + 2, \omega^{\omega^2+2} + \omega^3 + \omega^2 + \omega^3 + \omega + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+2} + \omega^3 + \omega^2 + \omega^3 + \omega^2 + \omega$.

$\omega^{\omega^2+2} + \omega^3 + \omega^2 + \omega^3 + \omega^2 + \omega + 1, \omega^{\omega^2+2} + \omega^3 + \omega^2 + \omega^3 + \omega^2 + \omega + 2, \omega^{\omega^2+2} + \omega^3 + \omega^2 + \omega^3 + \omega^2 + \omega + 3, \ldots$.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+2} + \omega^{3} + \omega^{2} + \omega$. 

$\omega^{\omega^2+2} + \omega^{3} + \omega^{2} + \omega$, $\omega^{\omega^2+2} + \omega^{3} + \omega^{2} + \omega + 1$, $\omega^{\omega^2+2} + \omega^{3} + \omega^{2} + \omega + 2$, $\omega^{\omega^2+2} + \omega^{3} + \omega^{2} + \omega + 3$, ... ”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+2} + \omega^{3} + \omega^{2} + \omega$.

$\omega^{\omega^2+2} + \omega^{3} + \omega^{2} + \omega$, $\omega^{\omega^2+2} + \omega^{3} + \omega^{2} + \omega + 1$, $\omega^{\omega^2+2} + \omega^{3} + \omega^{2} + \omega + 2$, $\omega^{\omega^2+2} + \omega^{3} + \omega^{2} + \omega + 3$, ... ”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+2} + \omega^{3} + \omega^{2} + \omega + 2$.

$\omega^{\omega^2+2} + \omega^{3} + \omega^{2} + \omega$, $\omega^{\omega^2+2} + \omega^{3} + \omega^{2} + \omega + 1$, $\omega^{\omega^2+2} + \omega^{3} + \omega^{2} + \omega + 2$, $\omega^{\omega^2+2} + \omega^{3} + \omega^{2} + \omega + 3$, ... ”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+2} + \omega^{3} + \omega^{2} + \omega + 3$.

$\omega^{\omega^2+2} + \omega^{3} + \omega^{2} + \omega$, $\omega^{\omega^2+2} + \omega^{3} + \omega^{2} + \omega + 1$, $\omega^{\omega^2+2} + \omega^{3} + \omega^{2} + \omega + 2$, $\omega^{\omega^2+2} + \omega^{3} + \omega^{2} + \omega + 3$, ... ”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+2} + \omega^{3} + \omega^{2} + \omega$. ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+2} + \omega^{3} + \omega^{2} + \omega$. 

$\omega^{\omega^2+2} + \omega^{3} + \omega^{2} + \omega$, $\omega^{\omega^2+2} + \omega^{3} + \omega^{2} + \omega + 1$, $\omega^{\omega^2+2} + \omega^{3} + \omega^{2} + \omega + 2$, $\omega^{\omega^2+2} + \omega^{3} + \omega^{2} + \omega + 3$, ... ”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+2} + \omega^{3} + \omega^{2} + \omega$. 

...
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \(\omega^{\omega+2} + \omega^3 + \omega^2 + \omega \cdot 2\).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \(\omega^{\omega+2} + \omega^3 + \omega + 2\).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \(\omega^{\omega+2} + \omega^3 + \omega^2 + \omega + 3\).
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega+2 + \omega^3 + \omega^2 + \omega^2$.

$\omega+2 + \omega^3 + \omega^2 + \omega^2 + \omega^3 + \omega^2 + \omega + 1, \omega+2 + \omega^3 + \omega^2 + \omega + 2, \omega^2 + \omega^3 + \omega^2 + \omega + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + \omega^3 + \omega^2 + \omega^2$.

$\omega^2 + \omega^3 + \omega^2 + \omega^2 + \omega^3 + \omega^2 + \omega + 1, \omega^2 + \omega^3 + \omega^2 + \omega + 2, \omega^2 + \omega^3 + \omega^2 + \omega + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + \omega^3 + \omega^2 + \omega + 2$. $\omega^2 + \omega^3 + \omega^2 + \omega + 3 + \omega + 3 + \omega + 3 + \omega + 3$, \ldots.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + \omega^3 + \omega^2 + \omega + 3 + \omega + 3 + \omega + 3 + \omega + 3$, \ldots.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + \omega^3 + \omega^2 + \omega + 3 + \omega + 3 + \omega + 3 + \omega + 3$, \ldots.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^2 + \omega + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^2 + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega + 2$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^3 + \omega^2 + \omega + 3$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^3 + \omega + 3$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^3 + 2$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^3 + 3$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^3 + \omega + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^3 + \omega + 3$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^3 + \omega + 4$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^3 + \omega + 5$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^3 + \omega + 6$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^3 + \omega + 7$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^3 + \omega + 8$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^3 + \omega + 9$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^3 + \omega + 10$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^3 + \omega + 11$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^3 + \omega + 12$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^3 + \omega + 13$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^3 + \omega + 14$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^3 + \omega + 15$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^3 + \omega + 16$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^3 + \omega + 17$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^3 + \omega + 18$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^3 + \omega + 19$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^3 + \omega + 20$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^3 + \omega + 21$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^3 + \omega + 22$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^3 + \omega + 23$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^3 + \omega + 24$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^3 + \omega + 25$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^3 + \omega + 26$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + \omega^3 + \omega + 27$.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+2} + 3 + \omega^3 + \omega^2 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+2} + 3 + \omega^3 \).

“\( \omega^{\omega+2} + 3 + \omega^3, \omega^{\omega+2} + 3 + \omega^3 + 1, \omega^{\omega+2} + 3 + \omega^3 + 2, \omega^{\omega+2} + 3 + \omega^3 + 3, \ldots \)”. 

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+2} + 3 + \omega^3 + \omega \).

“\( \omega^{\omega+2} + 3 + \omega^3 + \omega, \omega^{\omega+2} + 3 + \omega^3 + \omega + 1, \omega^{\omega+2} + 3 + \omega^3 + \omega + 2, \omega^{\omega+2} + 3 + \omega^3 + \omega + 3, \ldots \)”).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+2} + 3 + \omega^3 + \omega + 2 \).

“\( \omega^{\omega+2} + 3 + \omega^3 + \omega + 2, \omega^{\omega+2} + 3 + \omega^3 + \omega + 2 + 1, \omega^{\omega+2} + 3 + \omega^3 + \omega + 2 + 2, \omega^{\omega+2} + 3 + \omega^3 + \omega + 2 + 3, \ldots \)”).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+2} + 3 + \omega^3 + \omega + 3 \).

“\( \omega^{\omega+2} + 3 + \omega^3 + \omega + 3, \omega^{\omega+2} + 3 + \omega^3 + \omega + 3 + 1, \omega^{\omega+2} + 3 + \omega^3 + \omega + 3 + 2, \omega^{\omega+2} + 3 + \omega^3 + \omega + 3 + 3, \ldots \)”).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+2} + 3 + \omega^3 + \omega + 3 + \omega \).

“\( \omega^{\omega+2} + 3 + \omega^3 + \omega + 3 + \omega + \omega, \omega^{\omega+2} + 3 + \omega^3 + \omega + 3 + \omega + 2 + 1, \omega^{\omega+2} + 3 + \omega^3 + \omega + 3 + \omega + 2 + 2, \omega^{\omega+2} + 3 + \omega^3 + \omega + 3 + \omega + 2 + 3, \ldots \)”).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+2} + 3 + \omega^3 + \omega^2 + \omega + \omega \).

“\( \omega^{\omega+2} + 3 + \omega^3 + \omega^2 + \omega + \omega, \omega^{\omega+2} + 3 + \omega^3 + \omega^2 + \omega + 2 + 1, \omega^{\omega+2} + 3 + \omega^3 + \omega^2 + \omega + 2 + 2, \omega^{\omega+2} + 3 + \omega^3 + \omega^2 + \omega + 2 + 3, \ldots \)”).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+2} + 3 + \omega^3 + \omega^2 + \omega + \omega + \omega \).

“\( \omega^{\omega+2} + 3 + \omega^3 + \omega^2 + \omega + \omega + \omega, \omega^{\omega+2} + 3 + \omega^3 + \omega^2 + \omega + 3 + 1, \omega^{\omega+2} + 3 + \omega^3 + \omega^2 + \omega + 3 + 2, \omega^{\omega+2} + 3 + \omega^3 + \omega^2 + \omega + 3 + 3, \ldots \)”).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+2} + 3 + \omega^3 + \omega^2 + \omega + \omega \).

“\( \omega^{\omega+2} + 3 + \omega^3 + \omega^2 + \omega^2 + \omega \)”. 

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+2} + 3 + \omega^3 + \omega^2 + \omega^2 + \omega \).

“\( \omega^{\omega+2} + 3 + \omega^3 + \omega^2 + \omega^2 + \omega^2 \)”. 

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+2} + 3 + \omega^3 + \omega^2 + \omega^2 + \omega^2 \).

“\( \omega^{\omega+2} + 3 + \omega^3 + \omega^2 + \omega^2 + \omega^2 + \omega + 1, \omega^{\omega+2} + 3 + \omega^3 + \omega^2 + \omega^2 + 2, \omega^{\omega+2} + 3 + \omega^3 + \omega^2 + \omega^2 + 3, \ldots \)”).
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+23} + 3 + \omega^3 + \omega^22 + \omega$.

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\omega^{\omega+23} + 3 + \omega^3 + \omega^22 + \omega, \omega^{\omega+23} + 3 + \omega^3 + \omega^22 + \omega + 1, \omega^{\omega+23} + 3 + \omega^3 + \omega^22 + \omega + 2,
\omega^{\omega+23} + 3 + \omega^3 + \omega^22 + \omega + 3, \ldots ".
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Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+23} + 3 + \omega^22 + \omega + \omega$.

```
\omega^{\omega+23} + 3 + \omega^22 + \omega + \omega, \omega^{\omega+23} + 3 + \omega^22 + \omega + 1, \omega^{\omega+23} + 3 + \omega^22 + \omega + 2,
\omega^{\omega+23} + 3 + \omega^22 + \omega + 2, \omega^3 + \omega^22 + \omega + 3, \ldots ".
```

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+23} + 3 + \omega^22 + \omega + \omega$.

```
\omega^{\omega+23} + 3 + \omega^22 + \omega + \omega, \omega^{\omega+23} + 3 + \omega^22 + \omega + 1, \omega^{\omega+23} + 3 + \omega^22 + \omega + 2,
\omega^{\omega+23} + 3 + \omega^22 + \omega + 2, \omega^3 + \omega^22 + \omega + 3, \omega^23 + \omega + 3, \ldots ".
```

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+23} + 3 + \omega^22 + \omega + \omega$.

```
\omega^{\omega+23} + 3 + \omega^22 + \omega + \omega, \omega^{\omega+23} + 3 + \omega^22 + \omega + 1, \omega^{\omega+23} + 3 + \omega^22 + \omega + 2,
\omega^{\omega+23} + 3 + \omega^22 + \omega + 2, \omega^3 + \omega^22 + \omega + 3, \omega^23 + \omega + 3, \omega^23 + \omega + 3, \ldots ".
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Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+23} + 3 + \omega^22 + \omega + \omega$.

```
\omega^{\omega+23} + 3 + \omega^22 + \omega + \omega, \omega^{\omega+23} + 3 + \omega^22 + \omega + 1, \omega^{\omega+23} + 3 + \omega^22 + \omega + 2,
\omega^{\omega+23} + 3 + \omega^22 + \omega + 2, \omega^3 + \omega^22 + \omega + 3, \omega^23 + \omega + 3, \omega^23 + \omega + 3, \omega^23 + \omega + 3, \omega^23 + \omega + 3, \ldots
```

...
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega$. 

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2 + \omega^2 + \omega^2 + \omega + 1}$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^3 + \omega^3 + \omega^3 + \omega^2 + \omega^2 + \omega + 1}$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^4 + \omega^4 + \omega^4 + \omega^3 + \omega^3 + \omega^2 + \omega^2 + \omega + 1}$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^5 + \omega^5 + \omega^5 + \omega^4 + \omega^4 + \omega^3 + \omega^3 + \omega^2 + \omega^2 + \omega + 1}$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^6 + \omega^6 + \omega^6 + \omega^5 + \omega^5 + \omega^4 + \omega^4 + \omega^3 + \omega^3 + \omega^2 + \omega^2 + \omega + 1}$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^7 + \omega^7 + \omega^7 + \omega^6 + \omega^6 + \omega^5 + \omega^5 + \omega^4 + \omega^4 + \omega^3 + \omega^3 + \omega^2 + \omega^2 + \omega + 1}$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^8 + \omega^8 + \omega^8 + \omega^7 + \omega^7 + \omega^6 + \omega^6 + \omega^5 + \omega^5 + \omega^4 + \omega^4 + \omega^3 + \omega^3 + \omega^2 + \omega^2 + \omega + 1}$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^9 + \omega^9 + \omega^9 + \omega^8 + \omega^8 + \omega^7 + \omega^7 + \omega^6 + \omega^6 + \omega^5 + \omega^5 + \omega^4 + \omega^4 + \omega^3 + \omega^3 + \omega^2 + \omega^2 + \omega + 1}$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^{10} + \omega^{10} + \omega^{10} + \omega^9 + \omega^9 + \omega^8 + \omega^8 + \omega^7 + \omega^7 + \omega^6 + \omega^6 + \omega^5 + \omega^5 + \omega^4 + \omega^4 + \omega^3 + \omega^3 + \omega^2 + \omega^2 + \omega + 1}$.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \(\omega^{2+23} + \omega^32 + \omega^22 + \omega^2\).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \(\omega^{2+23} + \omega^32 + \omega^22 + \omega^2\).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \(\omega^{2+23} + \omega^32 + \omega^22 + \omega^2\).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \(\omega^{2+23} + \omega^32 + \omega^22 + \omega^2\).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \(\omega^{2+23} + \omega^32 + \omega^22 + \omega^2\).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \(\omega^{2+23} + \omega^32 + \omega^22 + \omega^2\).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \(\omega^{2+23} + \omega^32 + \omega^22 + \omega^2\).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \(\omega^{2+23} + \omega^32 + \omega^22 + \omega^2\).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \(\omega^{2+23} + \omega^32 + \omega^22 + \omega^2\).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \(\omega^{2+23} + \omega^32 + \omega^22 + \omega^2\).

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Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \(\omega^{2+23} + \omega^32 + \omega^22 + \omega^2\).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \(\omega^{2+23} + \omega^32 + \omega^22 + \omega^2\).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \(\omega^{2+23} + \omega^32 + \omega^22 + \omega^2\).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \(\omega^{2+23} + \omega^32 + \omega^22 + \omega^2\).

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Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \(\omega^{2+23} + \omega^32 + \omega^22 + \omega^2\).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \(\omega^{2+23} + \omega^32 + \omega^22 + \omega^2\).
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+23} + \omega^3 + \omega^2 + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+23} + \omega^3 + \omega^2 + \omega + 1, \omega^{\omega+23} + \omega^3 + \omega^2 + \omega + 2, \omega^{\omega+23} + \omega^3 + \omega^2 + \omega + 3, ...$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+23} + \omega^3 + \omega^2 + \omega + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+23} + \omega^3 + \omega^2 + \omega + 1, \omega^{\omega+23} + \omega^3 + \omega^2 + \omega + 2, \omega^{\omega+23} + \omega^3 + \omega^2 + \omega + 3, ...$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+23} + \omega^3 + \omega^2 + \omega + 2 + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+23} + \omega^3 + \omega^2 + \omega + 1, \omega^{\omega+23} + \omega^3 + \omega^2 + \omega + 2, \omega^{\omega+23} + \omega^3 + \omega^2 + \omega + 3, ...$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+23} + \omega^3 + \omega^2 + \omega + 3 + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+23} + \omega^3 + \omega^2 + \omega + 2 + \omega + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+23} + \omega^3 + \omega^2 + \omega + 1, \omega^{\omega+23} + \omega^3 + \omega^2 + \omega + 2, \omega^{\omega+23} + \omega^3 + \omega^2 + \omega + 3, ...$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+23} + \omega^3 + \omega^2 + \omega + 2 + \omega + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+23} + \omega^3 + \omega^2 + \omega + 3 + \omega + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+23} + \omega^3 + \omega^2 + \omega + 2 + \omega + 2 + \omega + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+23} + \omega^3 + \omega^2 + \omega + 3 + \omega + 2 + \omega + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+23} + \omega^3 + \omega^2 + \omega + 3 + \omega + 3 + \omega + 2 + \omega + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+23} + \omega^3 + \omega^2 + \omega + 3 + \omega + 3 + \omega + 3 + \omega + 2 + \omega + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+23} + \omega^3 + \omega^2 + \omega + 3 + \omega + 3 + \omega + 3 + \omega + 3 + \omega + 2 + \omega + \omega$.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + \omega^2 + \omega + 1 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + \omega^2 + 2 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 2 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 1 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 3 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 2 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 1 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 3 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 2 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 1 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 3 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 2 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 1 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 3 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 2 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 1 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 3 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 2 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 1 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 3 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 2 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 1 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 3 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 2 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 1 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 3 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 2 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 1 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 3 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 2 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 1 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 3 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 2 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 1 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 3 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 2 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 1 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 3 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 2 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 1 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 3 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 2 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 1 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 3 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 2 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 1 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 3 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 2 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 1 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 3 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 2 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 1 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 3 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 2 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 1 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 3 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 2 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 1 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 3 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 2 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 1 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 3 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 2 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 1 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 3 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 2 \).

Finally, he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + 1 \).
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^2 + \omega \).

\[ \omega^{\omega+3} + \omega^2 + \omega, \omega^{\omega+3} + \omega^2 + \omega + 1, \omega^{\omega+3} + \omega^2 + \omega + 2, \omega^{\omega+3} + \omega^2 + \omega + 3, \ldots \].

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^2 + \omega + \omega \).

\[ \omega^{\omega+3} + \omega^2 + \omega^2 + \omega, \omega^{\omega+3} + \omega^2 + \omega^2 + \omega + 1, \omega^{\omega+3} + \omega^2 + \omega^2 + \omega + 2, \omega^{\omega+3} + \omega^2 + \omega^2 + \omega + 3, \ldots \].

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^2 + \omega^3 + \omega \).

\[ \omega^{\omega+3} + \omega^2 + \omega^3 + \omega^2 + \omega^3 + \omega^3 + 1, \omega^{\omega+3} + \omega^2 + \omega^3 + \omega^3 + 2, \omega^{\omega+3} + \omega^2 + \omega^3 + \omega^3 + 3, \ldots \].

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^2 + \omega^3 + \omega + 1 \).

\[ \omega^{\omega+3} + \omega^2 + \omega^3 + \omega^2 + \omega^3 + \omega + 1, \omega^{\omega+3} + \omega^2 + \omega^3 + \omega + 2, \omega^{\omega+3} + \omega^2 + \omega^3 + \omega + 3, \ldots \].

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^2 + \omega^3 + \omega^3 + \omega \).

\[ \omega^{\omega+3} + \omega^2 + \omega^3 + \omega^3 + \omega^3 + \omega^3 + 1, \omega^{\omega+3} + \omega^2 + \omega^3 + \omega^3 + \omega^3 + 2, \omega^{\omega+3} + \omega^2 + \omega^3 + \omega^3 + \omega^3 + 3, \ldots \].

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^2 + \omega^3 + \omega^3 + \omega^3 + \omega^3 + \omega + 1 \).

\[ \omega^{\omega+3} + \omega^2 + \omega^3 + \omega^3 + \omega^3 + \omega + 1, \omega^{\omega+3} + \omega^2 + \omega^3 + \omega^3 + \omega + 2, \omega^{\omega+3} + \omega^2 + \omega^3 + \omega^3 + \omega + 3, \ldots \].
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+3} + \omega^{\omega+3} + \omega^2 + \omega + \omega$, $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega$, $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega$.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^3+3} + \omega^3 + \omega^2 + \omega^2$. 

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^3+3} + \omega^3 + \omega^2 + \omega^2$. 

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^3+3} + \omega^3 + \omega^2 + \omega^2$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^3+3} + \omega^3 + \omega^2 + \omega^2$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^3+3} + \omega^3 + \omega^2 + \omega^2$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^3+3} + \omega^3 + \omega^2 + \omega^2$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^3+3} + \omega^3 + \omega^2 + \omega^2$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^3+3} + \omega^3 + \omega^2 + \omega^2$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^3+3} + \omega^3 + \omega^2 + \omega^2$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^3+3} + \omega^3 + \omega^2 + \omega^2$.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \(\omega^{\omega+3} + \omega^3 2 + \omega^2 + \omega\).
\[
i_\omega \omega^{\omega+3} + \omega^3 2 + \omega^2 + \omega, \omega^{\omega+3} + \omega^3 2 + \omega^2 + \omega + 1, \omega^{\omega+3} + \omega^3 2 + \omega^2 + \omega + 2,
\omega^{\omega+3} + \omega^3 2 + \omega^2 + \omega + 3, \ldots
\] Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \(\omega^{\omega+3} + \omega^3 2 + \omega^2 + \omega + \omega\).
\[
i_\omega \omega^{\omega+3} + \omega^3 2 + \omega^2 + \omega, \omega^{\omega+3} + \omega^3 2 + \omega^2 + \omega + 1, \omega^{\omega+3} + \omega^3 2 + \omega^2 + \omega + 2,
\omega^{\omega+3} + \omega^3 2 + \omega^2 + \omega + 3, \ldots
\] Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \(\omega^{\omega+3} + \omega^3 2 + \omega^2 + \omega + \omega + 1\).
\[
i_\omega \omega^{\omega+3} + \omega^3 2 + \omega^2 + \omega, \omega^{\omega+3} + \omega^3 2 + \omega^2 + \omega + 1, \omega^{\omega+3} + \omega^3 2 + \omega^2 + \omega + 2,
\omega^{\omega+3} + \omega^3 2 + \omega^2 + \omega + 3, \ldots
\] Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \(\omega^{\omega+3} + \omega^3 2 + \omega^2 + \omega + \omega + 1\).
\[
i_\omega \omega^{\omega+3} + \omega^3 2 + \omega^2 + \omega, \omega^{\omega+3} + \omega^3 2 + \omega^2 + \omega + 1, \omega^{\omega+3} + \omega^3 2 + \omega^2 + \omega + 2,
\omega^{\omega+3} + \omega^3 2 + \omega^2 + \omega + 3, \ldots
\] Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \(\omega^{\omega+3} + \omega^3 2 + \omega^2 + \omega + \omega + 1 \ldots\).
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + \omega^2 + \omega \).
\[
\omega^{\omega+3} + \omega^3 + \omega^2 + \omega^3 + \omega + 1, \ \omega^{\omega+3} + \omega^3 + \omega^2 + \omega + 2, \ \omega^{\omega+3} + 3 + \omega + 3, \ \ldots
\]
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^\omega + \omega^3 + \omega^2 + \omega^3 + \omega + 3 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + \omega^2 + \omega \).
\[
\omega^{\omega+3} + \omega^3 + \omega^2 + \omega^3 + \omega + 1, \ \omega^{\omega+3} + \omega^3 + \omega^2 + \omega + 2, \ \omega^{\omega+3} + 3 + \omega + 3, \ \ldots
\]
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + \omega^2 + \omega \).
\[
\omega^{\omega+3} + \omega^3 + \omega^2 + \omega^3 + \omega + 1, \ \omega^{\omega+3} + \omega^3 + \omega^2 + \omega + 2, \ \omega^{\omega+3} + 3 + \omega + 3, \ \ldots
\]
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + \omega^2 + \omega \).
\[
\omega^{\omega+3} + \omega^3 + \omega^2 + \omega^3 + \omega + 1, \ \omega^{\omega+3} + \omega^3 + \omega^2 + \omega + 2, \ \omega^{\omega+3} + 3 + \omega + 3, \ \ldots
\]
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + \omega^2 + \omega \).
\[
\omega^{\omega+3} + \omega^3 + \omega^2 + \omega^3 + \omega + 1, \ \omega^{\omega+3} + \omega^3 + \omega^2 + \omega + 2, \ \omega^{\omega+3} + 3 + \omega + 3, \ \ldots
\]
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + \omega^2 + \omega \).
\[
\omega^{\omega+3} + \omega^3 + \omega^2 + \omega^3 + \omega + 1, \ \omega^{\omega+3} + \omega^3 + \omega^2 + \omega + 2, \ \omega^{\omega+3} + 3 + \omega + 3, \ \ldots
\]
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + \omega^2 + \omega^2 \).

\[ \ldots \]

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega^2 \).

\[ \ldots \]

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega + 1 \), \( \omega^{\omega+3} + \omega^3 + \omega^2 + \omega + 2 \), \( \omega^{\omega+3} + \omega^3 + \omega^2 + \omega + 3 + 1 \), \( \omega^{\omega+3} + \omega^3 + \omega^2 + \omega + 3 + 2 \), \( \omega^{\omega+3} + \omega^3 + \omega^2 + \omega + 3 + 3 \), \ldots \).
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+32} + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+32} + \omega, \omega^{\omega+32} + \omega + 1, \omega^{\omega+32} + \omega^2 + 2, \omega^{\omega+32} + \omega + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+32} + \omega + \omega.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+32} + \omega^2 + \omega + 1, \omega^{\omega+32} + \omega^2 + 2, \omega^{\omega+32} + \omega + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+32} + \omega, \omega^{\omega+32} + \omega^2 + 1, \omega^{\omega+32} + \omega^2 + 2, \omega^{\omega+32} + \omega + 2 + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+32} + \omega^2 + \omega + 1, \omega^{\omega+32} + \omega^2 + 2, \omega^{\omega+32} + \omega + 2 + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+32} + \omega, \omega^{\omega+32} + \omega^2 + 1, \omega^{\omega+32} + \omega^2 + 2, \omega^{\omega+32} + \omega + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+32} + \omega^2 + \omega + 1, \omega^{\omega+32} + \omega^2 + 2, \omega^{\omega+32} + \omega + 2 + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+32} + \omega + \omega + \omega.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+32} + \omega^2 + \omega + 1, \omega^{\omega+32} + \omega^2 + 2, \omega^{\omega+32} + \omega + 2 + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+32} + \omega^2 + \omega + 1, \omega^{\omega+32} + \omega^2 + 2, \omega^{\omega+32} + \omega + 2 + 3, \ldots$.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega + 3^2 + \omega^2 + \omega 3 + 3 \), ... 

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega + 3^2 + \omega^2 + \omega 3 + 3 \), ... 

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega + 3^2 + \omega^2 + \omega 3 + 3 \), ... 

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega + 3^2 + \omega^2 + \omega 3 + 3 \), ... 

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega + 3^2 + \omega^2 + \omega 3 + 3 \), ... 

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega + 3^2 + \omega^2 + \omega 3 + 3 \), ... 

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega + 3^2 + \omega^2 + \omega 3 + 3 \), ... 

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega + 3^2 + \omega^2 + \omega 3 + 3 \), ... 

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega + 3^2 + \omega^2 + \omega 3 + 3 \), ... 

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega + 3^2 + \omega^2 + \omega 3 + 3 \), ...
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3}2 + \omega^3 + \omega^2 + \omega \).
\[ \omega^{\omega+3}2 + \omega^3 + \omega^2 + \omega, \omega^{\omega+3}2 + \omega^3 + \omega^2 + \omega + 1, \omega^{\omega+3}2 + \omega^3 + \omega^2 + \omega + 2, \omega^{\omega+3}2 + \omega^3 + \omega^2 + \omega + 3, \ldots. \]

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3}2 + \omega^3 + \omega^2 + \omega + 2 \).
\[ \omega^{\omega+3}2 + \omega^3 + \omega^2 + \omega, \omega^{\omega+3}2 + \omega^3 + \omega^2 + \omega + 1, \omega^{\omega+3}2 + \omega^3 + \omega^2 + \omega + 2, \omega^{\omega+3}2 + \omega^3 + \omega^2 + \omega + 3, \ldots. \]

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3}2 + \omega^3 + \omega^2 + \omega + 3 \).
\[ \omega^{\omega+3}2 + \omega^3 + \omega^2 + \omega, \omega^{\omega+3}2 + \omega^3 + \omega^2 + \omega + 1, \omega^{\omega+3}2 + \omega^3 + \omega^2 + \omega + 2, \omega^{\omega+3}2 + \omega^3 + \omega^2 + \omega + 3, \ldots. \]
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega^{\omega^2} + 2} + \omega^3 + \omega^2 + \omega \).
\[ \omega^{\omega^{\omega^2} + 2} + \omega^3 + \omega^2 + \omega^3 + \omega^2 + \omega^2 + \omega, \omega^{\omega^{\omega^2} + 2} + \omega^3 + \omega^2 + \omega^3 + 1, \omega^{\omega^{\omega^2} + 2} + \omega^3 + \omega^2 + \omega^3 + 2, \omega^{\omega^{\omega^2} + 2} + \omega^3 + \omega^2 + \omega^3 + 3, \ldots \].

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega^{\omega^2} + 2} + \omega^3 + \omega^2 + \omega^3 + \omega \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega^{\omega^2} + 2} + \omega^3 + \omega^2 + \omega^2 + \omega \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega^{\omega^2} + 2} + \omega^3 + \omega^2 + \omega^2 + \omega^2 + \omega + \omega \).
\[ \omega^{\omega^{\omega^2} + 2} + \omega^3 + \omega^2 + \omega^2 + \omega + 1, \omega^{\omega^{\omega^2} + 2} + \omega^3 + \omega^2 + \omega^2 + \omega + 2, \omega^{\omega^{\omega^2} + 2} + \omega^3 + \omega^2 + \omega^2 + \omega + 3, \ldots \].

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega^{\omega^2} + 2} + \omega^3 + \omega^2 + \omega^3 + \omega \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega^{\omega^2} + 2} + \omega^3 + \omega^2 + \omega^2 + \omega^2 + \omega + \omega \).
\[ \omega^{\omega^{\omega^2} + 2} + \omega^3 + \omega^2 + \omega^2 + \omega + 1, \omega^{\omega^{\omega^2} + 2} + \omega^3 + \omega^2 + \omega^2 + \omega + 2, \omega^{\omega^{\omega^2} + 2} + \omega^3 + \omega^2 + \omega^2 + \omega + 3, \ldots \].

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega^{\omega^2} + 2} + \omega^3 + \omega^2 + \omega^3 + \omega \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega^{\omega^2} + 2} + \omega^3 + \omega^2 + \omega^2 + \omega + \omega \).
\[ \omega^{\omega^{\omega^2} + 2} + \omega^3 + \omega^2 + \omega^2 + \omega + 1, \omega^{\omega^{\omega^2} + 2} + \omega^3 + \omega^2 + \omega^2 + \omega^2 + \omega + 2, \omega^{\omega^{\omega^2} + 2} + \omega^3 + \omega^2 + \omega^2 + \omega + 3, \ldots \].
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+32} + \omega^32 + \omega^32 + \omega^2 + \omega^2 \). 
\[ \omega^{\omega+32} + \omega^32 + \omega^2 + \omega^2, \omega^{\omega+32} + \omega^32 + \omega^2 + \omega^2 + 1, \omega^{\omega+32} + \omega^32 + \omega^2 + 2, \omega^{\omega+32} + \omega^32 + \omega^2 + 3, \ldots \]. 
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+32} + \omega^32 + \omega^2 + \omega + \omega \). 
\[ \omega^{\omega+32} + \omega^32 + \omega^2 + \omega + \omega, \omega^{\omega+32} + \omega^32 + \omega^2 + \omega + 1, \omega^{\omega+32} + \omega^32 + \omega^2 + \omega + 2, \omega^{\omega+32} + \omega^32 + \omega^2 + \omega + 3, \ldots \]. 
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+32} + \omega^32 + \omega^2 + \omega + \omega + \omega \). 
\[ \omega^{\omega+32} + \omega^32 + \omega^2 + \omega + 3, \omega^{\omega+32} + \omega^32 + \omega^2 + \omega + 3 + 1, \omega^{\omega+32} + \omega^32 + \omega^2 + 3 + 1, \omega^{\omega+32} + \omega^32 + \omega^2 + 3 + 2, \omega^{\omega+32} + \omega^32 + \omega^2 + 3 + 3, \ldots \]. 
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+32} + \omega^32 + \omega^2 + \omega + \omega \). 
\[ \omega^{\omega+32} + \omega^32 + \omega^2 + \omega + \omega, \omega^{\omega+32} + \omega^32 + \omega^2 + \omega + 1, \omega^{\omega+32} + \omega^32 + \omega^2 + \omega + 2, \omega^{\omega+32} + \omega^32 + \omega^2 + \omega + 3, \ldots \]. 
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+32} + \omega^32 + \omega^2 + \omega + \omega + \omega \). 
\[ \omega^{\omega+32} + \omega^32 + \omega^2 + \omega + 3, \omega^{\omega+32} + \omega^32 + \omega^2 + \omega + 3 + 1, \omega^{\omega+32} + \omega^32 + \omega^2 + \omega + 3 + 2, \omega^{\omega+32} + \omega^32 + \omega^2 + \omega + 3 + 3, \ldots \]. 
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+32} + \omega^32 + \omega^2 + \omega^2 + \omega \).
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+3^2} + \omega^3 + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+3^2} + \omega^3 + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+3^2} + \omega^3 \cdot \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+3^2} + \omega^3 + \omega + 1, \omega^{\omega+3^2} + \omega^3 + \omega + 1, \omega^{\omega+3^2} + \omega^3 + \omega + 1$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+3^2} + \omega^3 + \omega + 2 + 1, \omega^{\omega+3^2} + \omega^3 + \omega + 2 + 2, \omega^{\omega+3^2} + \omega^3 + \omega + 3, ...$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+3^2} + \omega^3 + \omega + 2 + 3, ...$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+3^2} + \omega^3 + \omega + 3 + 1, \omega^{\omega+3^2} + \omega^3 + \omega + 3 + 2, \omega^{\omega+3^2} + \omega^3 + \omega + 3$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+3^2} + \omega^3 + \omega + 3 + 3, ...$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+3^2} + \omega^3 + \omega + 3 + 4, ...$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+3^2} + \omega^3 + \omega + 4, \omega^{\omega+3^2} + \omega^3 + \omega + 5, \omega^{\omega+3^2} + \omega^3 + \omega + 6$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+3^2} + \omega^3 + \omega + 7, \omega^{\omega+3^2} + \omega^3 + \omega + 8, \omega^{\omega+3^2} + \omega^3 + \omega + 9$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+3^2} + \omega^3 + \omega + 10, \omega^{\omega+3^2} + \omega^3 + \omega + 11, \omega^{\omega+3^2} + \omega^3 + \omega + 12$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+3^2} + \omega^3 + \omega + 13, \omega^{\omega+3^2} + \omega^3 + \omega + 14, \omega^{\omega+3^2} + \omega^3 + \omega + 15$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+3^2} + \omega^3 + \omega + 16, \omega^{\omega+3^2} + \omega^3 + \omega + 17, \omega^{\omega+3^2} + \omega^3 + \omega + 18$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+3^2} + \omega^3 + \omega + 19, \omega^{\omega+3^2} + \omega^3 + \omega + 20, \omega^{\omega+3^2} + \omega^3 + \omega + 21$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+3^2} + \omega^3 + \omega + 22, \omega^{\omega+3^2} + \omega^3 + \omega + 23, \omega^{\omega+3^2} + \omega^3 + \omega + 24$.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega^3 + \omega + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega^3 + \omega + 2 + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega^3 + \omega + 3 + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega^3 + \omega + 3 + \omega + 1$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega^3 + \omega + 3 + \omega + 2$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega^3 + \omega + 3 + \omega + 3$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega^3 + \omega + 3 + \omega + 4$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega^3 + \omega + 3 + \omega + 5$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega^3 + \omega + 3 + \omega + 6$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega^3 + \omega + 3 + \omega + 7$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega^3 + \omega + 3 + \omega + 8$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega^3 + \omega + 3 + \omega + 9$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega^3 + \omega + 3 + \omega + 10$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega^3 + \omega + 3 + \omega + 11$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega^3 + \omega + 3 + \omega + 12$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega^3 + \omega + 3 + \omega + 13$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega^3 + \omega + 3 + \omega + 14$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+3} + \omega^3 + \omega^2 + \omega^3 + \omega + 3 + \omega + 15$.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^2 + \omega \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^2 + \omega \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^2 + \omega + 1 \), \( \omega^{\omega+3} + \omega^3 + \omega^2 + 3 \), ... ".

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^2 + \omega + 2 \), \( \omega^{\omega+3} + \omega^3 + \omega^2 + 2 + 1 \), \( \omega^{\omega+3} + \omega^2 + \omega + 2 + 2 \), \( \omega^{\omega+3} + \omega^2 + \omega + 2 \), ... ".

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^2 + \omega + 1 \), \( \omega^{\omega+3} + \omega^2 + \omega + 2 + 2 \), \( \omega^{\omega+3} + \omega^2 + \omega + 2 \), ... ".

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^2 + \omega + 2 + 1 \), \( \omega^{\omega+3} + \omega^2 + \omega + 2 + 2 + 2 \), \( \omega^{\omega+3} + \omega^2 + \omega + 2 \), ... ".

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^2 + \omega + 2 \), \( \omega^{\omega+3} + \omega^2 + \omega + 2 + 2 + 2 \), \( \omega^{\omega+3} + \omega^2 + \omega + 2 \), ... ".

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^2 + \omega + 2 + 1 \), \( \omega^{\omega+3} + \omega^2 + \omega + 2 + 2 + 2 + 2 \), \( \omega^{\omega+3} + \omega^2 + \omega + 2 \), ... ".
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+3}3 + \omega23 + \omega2 + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+3}3 + \omega23 + \omega3 + 1$, $\omega^{\omega+3}3 + \omega23 + \omega3 + 2$, $\omega^{\omega+3}3 + \omega3 + 3$, ... ”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+3}3 + \omega3 + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+3}3 + \omega23 + \omega3 + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+3}3 + \omega3 + \omega3 + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+3}3 + \omega3 + \omega3 + \omega3 + 1$, $\omega^{\omega+3}3 + \omega3 + \omega3 + 2$, $\omega^{\omega+3}3 + \omega3 + \omega3 + 3$, ... ”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+3}3 + \omega3 + \omega + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+3}3 + \omega3 + \omega2 + \omega$, $\omega^{\omega+3}3 + \omega3 + \omega2 + \omega + 1$, $\omega^{\omega+3}3 + \omega3 + \omega2 + \omega + 2$, $\omega^{\omega+3}3 + \omega3 + \omega + 3$, ... ”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+3}3 + \omega3 + \omega + 3$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+3}3 + \omega3 + \omega^2 + \omega + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+3}3 + \omega3 + \omega^2 + \omega + \omega$, $\omega^{\omega+3}3 + \omega3 + \omega^2 + \omega^2 + \omega + 2$, $\omega^{\omega+3}3 + \omega3 + \omega^2 + \omega + 3$, ... ”.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + \omega + 2 \).
\[
\upsilon_{\omega^{\omega+3} + \omega^3 + \omega + 2}, \omega^{\omega+3} + \omega^3 + \omega + 2 + 1, \omega^{\omega+3} + \omega^3 + \omega + 2 + 2, \omega^{\omega+3} + \omega^3 + \omega + 2 + 3, \ldots.
\]
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + \omega + 2 + \omega \).
\[
\upsilon_{\omega^{\omega+3} + \omega^3 + \omega + 2 + \omega}, \omega^{\omega+3} + \omega^3 + \omega + 2 + 1, \omega^{\omega+3} + \omega^3 + \omega + 2 + 2, \omega^{\omega+3} + \omega^3 + \omega + 2 + 3, \ldots.
\]
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega \).
\[
\upsilon_{\omega^{\omega+3} + \omega^3 + \omega^2 + \omega}, \omega^{\omega+3} + \omega^3 + \omega^2 + 1, \omega^{\omega+3} + \omega^3 + \omega^2 + 2, \omega^{\omega+3} + \omega^3 + \omega^2 + 3, \ldots.
\]
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + \omega \).
\[ \omega^{\omega+3} + \omega^3 2 + \omega, \omega^{\omega+3} + \omega^3 2 + \omega + 1, \omega^{\omega+3} + \omega^3 2 + \omega + 2, \omega^{\omega+3} + \omega^3 2 + \omega + 3, \ldots \]

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 2 + \omega + \omega \).
\[ \omega^{\omega+3} + \omega^3 2 + \omega^2, \omega^{\omega+3} + \omega^3 2 + \omega^2 + 1, \omega^{\omega+3} + \omega^3 2 + \omega^2 + 2, \omega^{\omega+3} + \omega^3 2 + \omega^2 + \omega, \omega^{\omega+3} + \omega^3 2 + \omega + 3, \ldots \]

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 2 + \omega + \omega + 1 \).
\[ \omega^{\omega+3} + \omega^3 2 + \omega 3, \omega^{\omega+3} + \omega^3 2 + \omega 3 + 1, \omega^{\omega+3} + \omega^3 2 + \omega 3 + 2, \omega^{\omega+3} + \omega^3 2 + \omega 3 + \omega, \omega^{\omega+3} + \omega^3 2 + \omega 3 + \omega + 1 \]

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 2 + \omega 3 + \omega + \omega + 2 \).
\[ \omega^{\omega+3} + \omega^3 2 + \omega 3 + \omega 3 2 + \omega + 1, \omega^{\omega+3} + \omega^3 2 + \omega 3 2 + \omega 2, \omega^{\omega+3} + \omega^3 2 + \omega 3 + 1, \omega^{\omega+3} + \omega^3 2 + \omega 3 + 2, \omega^{\omega+3} + \omega^3 2 + \omega 3 + 2 + 1, \omega^{\omega+3} + \omega^3 2 + \omega 3 + 2 \]

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 2 + \omega 3 + \omega 3 + \omega + 1 \).
\[ \omega^{\omega+3} + \omega^3 2 + \omega 3 + \omega 3 2 + \omega 2, \omega^{\omega+3} + \omega^3 2 + \omega 3 2 + \omega 2 + 1, \omega^{\omega+3} + \omega^3 2 + \omega 3 2 + \omega 2 + 2, \omega^{\omega+3} + \omega^3 2 + \omega 3 + 3 + \omega 2 + \omega 3 + 1, \omega^{\omega+3} + \omega^3 2 + \omega 3 + 3 + \omega 3 + 2, \omega^{\omega+3} + \omega^3 2 + \omega 3 + 3 + 1 \]

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 2 + \omega 3 + \omega 3 + \omega + 1 \).
\[ \omega^{\omega+3} + \omega^3 2 + \omega 3 + \omega 3 2 + \omega 2 + \omega, \omega^{\omega+3} + \omega^3 2 + \omega 3 2 + \omega 2 + \omega + 1, \omega^{\omega+3} + \omega^3 2 + \omega 3 2 + \omega 2 + \omega + 2, \omega^{\omega+3} + \omega^3 2 + \omega 3 + 3 + \omega 2 + \omega 3 + 1, \omega^{\omega+3} + \omega^3 2 + \omega 3 + 3 + \omega 3 + 2, \omega^{\omega+3} + \omega^3 2 + \omega 3 + 3 + 1 \]

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Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + \omega^2 + \omega + 1 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega^2 + \omega + \omega^2 + \omega + \omega^2 + \omega + \omega^2 + \omega + \omega\).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+3} + \omega^3 + \omega^2 + \omega + \omega^2 + \omega + \omega^2 + \omega + \omega^2 + \omega + \omega^2 + \omega + \omega^2 + \omega + \omega^2 + \omega + \omega^2 + \omega + \omega^2 + \omega + \omega^2 + \omega + \omega^2 + \omega + \omega^2 + \omega + \omega\).
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega + 3 + \omega^3 + \omega^2 + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega + 3 + \omega^3 + \omega^2 + \omega, \omega^3 + \omega^2 + \omega + 1, \omega^3 + \omega^2 + \omega + 2, \omega^3 + \omega^2 + 3, ...$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega + 3 + \omega^3 + \omega^2 + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega + 3 + \omega^3 + \omega^2 + \omega, \omega^3 + \omega^2 + \omega + 1, \omega^3 + \omega^2 + \omega + 2, \omega^3 + \omega^2 + 3, ...$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega + 3 + \omega^3 + \omega^2 + \omega$.

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Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $ω^{ω+3}3 + ω^33 + ω^23 + ω, ω^{ω+3}3 + ω^33 + ω^23 + ω + 1, ω^{ω+3}3 + ω^33 + ω^23 + ω + 2, ω^{ω+3}3 + ω^33 + ω^23 + ω + 3, ...$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $ω^{ω+3}3 + ω^33 + ω^23 + ω + ω$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $ω^{ω+3}3 + ω^33 + ω^23 + ω2ω + ω$, $ω^{ω+3}3 + ω^33 + ω^23 + ω2ω + 1$, $ω^{ω+3}3 + ω^33 + ω^23 + ω2ω + 2$, $ω^{ω+3}3 + ω^33 + ω^23 + ω2ω + 3, ...$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $ω^{ω+3}3 + ω^33 + ω^23 + ω2ω + ω$, $ω^{ω+3}3 + ω^33 + ω^23 + ω3ω + 1$, $ω^{ω+3}3 + ω^33 + ω^23 + ω3ω + 2$, $ω^{ω+3}3 + ω^33 + ω^23 + ω3ω + 3, ...$.

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Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $ω^{ω+3}3 + ω^33 + ω^23 + ω3ω + 3$. ...
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega \cdot 3 + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega \cdot 2 + \omega^2 + \omega^2$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega \cdot 2 + \omega^2 + \omega^2 + \omega + 1$, $\omega \cdot 2 + \omega^2 + \omega^2 + \omega + 2$, $\omega \cdot 2 + \omega^2 + \omega^2 + \omega + 3$.

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Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega + 2 + \omega^3 + \omega \).

\[
\omega^2 + \omega^3 + \omega, \omega^2 + \omega^3 + \omega + 1, \omega^2 + \omega^3 + \omega + 2, \omega^2 + \omega^3 + \omega + 3, \ldots 
\]

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^2 + \omega^3 + \omega + \omega \).

\[
\omega^2 + \omega^3 + \omega + 2, \omega^2 + \omega^3 + \omega + 2 + 1, \omega^2 + \omega^3 + \omega + 2 + 2, \omega^2 + \omega^3 + \omega + 2 + 3, 
\]

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^2 + \omega^3 + \omega + \omega + \omega \).

\[
\omega^2 + \omega^3 + \omega + 3, \omega^2 + \omega^3 + \omega + 3 + 1, \omega^2 + \omega^3 + \omega + 3 + 2, \omega^2 + \omega^3 + \omega + 3 + 3, 
\]

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega + \omega^3 + \omega + \omega + \omega + \omega \).

...
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + \omega^3 + \omega^2 2 + \omega 2 + \omega$.

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\ldots

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\ldots

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\ldots

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\ldots

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + \omega^3 + \omega^2 2 + \omega 2 + \omega$.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2 + \omega^3 2 + \omega^2}$.

$\omega^{\omega^2 + \omega^3 2 + \omega^2, \omega^\omega + \omega^3 2 + \omega^2 + 1, \omega^\omega + \omega^3 2 + \omega^2 + 2, \omega^\omega + \omega^3 2 + \omega^2 + 3, \ldots}$

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2 + \omega^3 2 + \omega^2 + \omega}$.

$\omega^{\omega^2 + \omega^3 2 + \omega^2 + \omega, \omega^\omega + \omega^3 2 + \omega^2 + \omega + 1, \omega^\omega + \omega^3 2 + \omega^2 + \omega + 2, \omega^\omega + \omega^3 2 + \omega^2 + \omega + 3, \ldots}$

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2 + \omega^3 2 + \omega^2 + \omega + \omega}$.

$\omega^{\omega^2 + \omega^3 2 + \omega^2 + \omega + \omega, \omega^\omega + \omega^3 2 + \omega^2 + \omega + 1, \omega^\omega + \omega^3 2 + \omega^2 + \omega + 2, \omega^\omega + \omega^3 2 + \omega^2 + \omega + 3, \ldots}$

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$\omega^{\omega^2 + \omega^3 2 + \omega^2 + \omega + \omega + \omega, \omega^\omega + \omega^3 2 + \omega^2 + \omega + 1, \omega^\omega + \omega^3 2 + \omega^2 + \omega + 2, \omega^\omega + \omega^3 2 + \omega^2 + \omega + 3, \ldots}$

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$\omega^{\omega^2 + \omega^3 2 + \omega^2 + \omega + \omega + \omega, \omega^\omega + \omega^3 2 + \omega^2 + \omega + 1, \omega^\omega + \omega^3 2 + \omega^2 + \omega + 2, \omega^\omega + \omega^3 2 + \omega^2 + \omega + 3, \ldots}$

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$\omega^{\omega^2 + \omega^3 2 + \omega^2 + \omega + \omega + \omega, \omega^\omega + \omega^3 2 + \omega^2 + \omega + 1, \omega^\omega + \omega^3 2 + \omega^2 + \omega + 2, \omega^\omega + \omega^3 2 + \omega^2 + \omega + 3, \ldots}$

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$\omega^{\omega^2 + \omega^3 2 + \omega^2 + \omega + \omega + \omega + \omega, \omega^\omega + \omega^3 2 + \omega^2 + \omega + 1, \omega^\omega + \omega^3 2 + \omega^2 + \omega + 2, \omega^\omega + \omega^3 2 + \omega^2 + \omega + 3, \ldots}$
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\omega^2 + \omega^3 + \omega^2 + \omega, \omega^2 + \omega^3 + \omega^2 + \omega^3 + 1, \omega^2 + \omega^3 + \omega^2 + \omega^3 + 2, \\
\omega^2 + \omega^3 + \omega^2 + \omega^3 + 3, ... .
\]
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^2 + \omega^3 + \omega^2 + \omega^3 + \omega \). 
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\omega^2 + \omega^3 + \omega^2 + \omega^3 + \omega^2 + 1, \omega^2 + \omega^3 + \omega^2 + 2, \omega^2 + \omega^3 + \omega^2 + 3, ...
\]
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\[
\omega^2 + \omega^3 + \omega^2 + \omega + 1, \omega^2 + \omega^3 + \omega^2 + \omega + 2, \\
\omega^2 + \omega^3 + \omega^2 + \omega + 3, ...
\]
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^2 + \omega^3 + \omega^2 + \omega + \omega \). 
\[
\omega^2 + \omega^3 + \omega^2 + \omega^3 + \omega^2 + 1, \omega^2 + \omega^3 + \omega^2 + 2 + \omega, \omega^2 + \omega^3 + \omega^2 + 3, ...
\]
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^2 + \omega^3 + \omega^2 + \omega + \omega \). 
\[
\omega^2 + \omega^3 + \omega^2 + \omega^3 + \omega^2 + 1, \omega^2 + \omega^3 + \omega^2 + 2 + \omega, \omega^2 + \omega^3 + \omega^2 + 3 + \omega, ...
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\omega^2 + \omega^3 + \omega^2 + \omega^3 + \omega^2 + 1, \omega^2 + \omega^3 + \omega^2 + 2 + \omega, \omega^2 + \omega^3 + \omega^2 + 3 + \omega, ...
\]
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\omega^2 + \omega^3 + \omega^2 + \omega^3 + \omega^2 + 1, \omega^2 + \omega^3 + \omega^2 + 2 + \omega, \omega^2 + \omega^3 + \omega^2 + 3 + \omega, ...
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\omega^2 + \omega^3 + \omega^2 + \omega^3 + \omega^2 + 1, \omega^2 + \omega^3 + \omega^2 + 2 + \omega, \omega^2 + \omega^3 + \omega^2 + 3 + \omega, ...
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\[
\omega^2 + \omega^3 + \omega^2 + \omega^3 + \omega^2 + 1, \omega^2 + \omega^3 + \omega^2 + 2 + \omega, \omega^2 + \omega^3 + \omega^2 + 3 + \omega, ...
\]
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\omega^2 + \omega^3 + \omega^2 + \omega^3 + \omega^2 + 1, \omega^2 + \omega^3 + \omega^2 + 2 + \omega, \omega^2 + \omega^3 + \omega^2 + 3 + \omega, ...
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\[
\omega^2 + \omega^3 + \omega^2 + \omega^3 + \omega^2 + 1, \omega^2 + \omega^3 + \omega^2 + 2 + \omega, \omega^2 + \omega^3 + \omega^2 + 3 + \omega, ...
\]
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^2 + \omega^3 + \omega^2 + \omega + \omega \). 
\[
\omega^2 + \omega^3 + \omega^2 + \omega^3 + \omega^2 + 1, \omega^2 + \omega^3 + \omega^2 + 2 + \omega, \omega^2 + \omega^3 + \omega^2 + 3 + \omega, ...
\]
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^2 + \omega^3 + \omega^2 + \omega + \omega \). 
\[
\omega^2 + \omega^3 + \omega^2 + \omega^3 + \omega^2 + 1, \omega^2 + \omega^3 + \omega^2 + 2 + \omega, \omega^2 + \omega^3 + \omega^2 + 3 + \omega, ...
\]
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega \cdot 2 + \omega^3 + \omega^2 + 2 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega \cdot 2 + \omega^3 + \omega^3 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega \cdot 2 + \omega^3 + \omega^2 + 2 \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega \cdot 2 + \omega + \omega \).

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Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega \cdot 2 + \omega + \omega \).
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^2 + \omega \). 
\[ \omega^n \text{ for } n \geq 2 \]
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^2 + \omega^2 \). 
\[ \omega^n \text{ for } n \geq 2 \]
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^2 + \omega^3 \). 
\[ \omega^n \text{ for } n \geq 3 \]
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega \omega 2 + \omega^3 + \omega^3 + \omega \).

... 

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega \omega 2 + \omega^3 + \omega^2 \).

\[ \omega \omega 2 + \omega^3 + \omega^2, \omega \omega 2 + \omega^3 + \omega^2 + 1, \omega \omega 2 + \omega^3 + \omega^2 + 2, \omega \omega 2 + \omega^3 + \omega^2 + 3, \ldots \]

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega \omega 2 + \omega^3 + \omega^2 + \omega \).

\[ \omega \omega 2 + \omega^3 + \omega^2 + \omega, \omega \omega 2 + \omega^3 + \omega^2 + \omega + 1, \omega \omega 2 + \omega^3 + \omega^2 + \omega + 2, \omega \omega 2 + \omega^3 + \omega^2 + \omega + 3, \ldots \]

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\[ \omega \omega 2 + \omega^3 + \omega^2 + \omega, \omega \omega 2 + \omega^3 + \omega^2 + \omega + 1, \omega \omega 2 + \omega^3 + \omega^2 + \omega + 2, \omega \omega 2 + \omega^3 + \omega^2 + \omega + 3, \ldots \]

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\[ \omega \omega 2 + \omega^3 + \omega^2 + \omega + \omega, \omega \omega 2 + \omega^3 + \omega^2 + \omega + 1, \omega \omega 2 + \omega^3 + \omega^2 + \omega + 2, \omega \omega 2 + \omega^3 + \omega^2 + \omega + 3, \ldots \]

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\[ \omega \omega 2 + \omega^3 + \omega^2 + \omega + \omega, \omega \omega 2 + \omega^3 + \omega^2 + \omega + 1, \omega \omega 2 + \omega^3 + \omega^2 + \omega + 2, \omega \omega 2 + \omega^3 + \omega^2 + \omega + 3, \ldots \]

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\[ \omega \omega 2 + \omega^3 + \omega^2 + \omega + \omega, \omega \omega 2 + \omega^3 + \omega^2 + \omega + 1, \omega \omega 2 + \omega^3 + \omega^2 + \omega + 2, \omega \omega 2 + \omega^3 + \omega^2 + \omega + 3, \omega \omega 2 + \omega^3 + \omega^2 + \omega + 4, \ldots \]

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\[ \omega \omega 2 + \omega^3 + \omega^2 + \omega + \omega, \omega \omega 2 + \omega^3 + \omega^2 + \omega + 1, \omega \omega 2 + \omega^3 + \omega^2 + \omega + 2, \omega \omega 2 + \omega^3 + \omega^2 + \omega + 3, \omega \omega 2 + \omega^3 + \omega^2 + \omega + 4, \omega \omega 2 + \omega^3 + \omega^2 + \omega + 5, \ldots \]

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega \omega 2 + \omega^3 + \omega^2 + \omega^3 + \omega^3 + \omega^3 + \omega + \omega \).

\[ \omega \omega 2 + \omega^3 + \omega^2 + \omega + \omega, \omega \omega 2 + \omega^3 + \omega^2 + \omega + 1, \omega \omega 2 + \omega^3 + \omega^2 + \omega + 2, \omega \omega 2 + \omega^3 + \omega^2 + \omega + 3, \omega \omega 2 + \omega^3 + \omega^2 + \omega + 4, \omega \omega 2 + \omega^3 + \omega^2 + \omega + 5, \omega \omega 2 + \omega^3 + \omega^2 + \omega + 6, \ldots \]

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega \omega 2 + \omega^3 + \omega^2 + \omega^3 + \omega^3 + \omega^3 + \omega^3 + \omega + \omega \).

...
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^2 + \omega^3 + \omega^3 + \omega \).

\[ \begin{align*}
\omega^2 + \omega^3 + \omega^3 + \omega, & \quad \omega^2 + \omega^3 + \omega^3 + \omega + 1, \\
\omega^2 + \omega^3 + \omega^3 + \omega + 2, & \quad \omega^2 + \omega^3 + \omega^3 + \omega + 3, \ldots.
\end{align*} \]

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^2 + \omega^3 + \omega^3 + \omega + \omega \).

\[ \begin{align*}
\omega^2 + \omega^3 + \omega^3 + \omega, & \quad \omega^2 + \omega^3 + \omega^3 + \omega + 1, \\
\omega^2 + \omega^3 + \omega^3 + \omega + 2, & \quad \omega^2 + \omega^3 + \omega^3 + \omega + 3, \ldots.
\end{align*} \]

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\[ \begin{align*}
\omega^2 + \omega^3 + \omega^3 + \omega, & \quad \omega^2 + \omega^3 + \omega^3 + \omega + 1, \\
\omega^2 + \omega^3 + \omega^3 + \omega + 2, & \quad \omega^2 + \omega^3 + \omega^3 + \omega + 3, \ldots.
\end{align*} \]

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\[ \begin{align*}
\omega^2 + \omega^3 + \omega^3 + \omega, & \quad \omega^2 + \omega^3 + \omega^3 + \omega + 1, \\
\omega^2 + \omega^3 + \omega^3 + \omega + 2, & \quad \omega^2 + \omega^3 + \omega^3 + \omega + 3, \ldots.
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\[ \begin{align*}
\omega^2 + \omega^3 + \omega^3 + \omega, & \quad \omega^2 + \omega^3 + \omega^3 + \omega + 1, \\
\omega^2 + \omega^3 + \omega^3 + \omega + 2, & \quad \omega^2 + \omega^3 + \omega^3 + \omega + 3, \ldots.
\end{align*} \]
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^2 + \omega^3 + \omega^2 + \omega + 1 \), \( \omega^2 + \omega^3 + \omega^2 + \omega + 2 \), \( \omega^2 + \omega^3 + \omega^2 + \omega + 3 \), ... “.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^2 + \omega^3 + \omega^2 + \omega + 1 \), \( \omega^2 + \omega^3 + \omega^2 + \omega + 2 \), \( \omega^2 + \omega^3 + \omega^2 + \omega + 3 \), ... “.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^2 + \omega^3 + \omega^2 + \omega + 1 \), \( \omega^2 + \omega^3 + \omega^2 + \omega + 2 \), \( \omega^2 + \omega^3 + \omega^2 + \omega + 3 \), ... “.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^2 + \omega^3 + \omega^2 + \omega + 1 \), \( \omega^2 + \omega^3 + \omega^2 + \omega + 2 \), \( \omega^2 + \omega^3 + \omega^2 + \omega + 3 \), ... “.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^2 + \omega^3 + \omega^2 + \omega + 1 \), \( \omega^2 + \omega^3 + \omega^2 + \omega + 2 \), \( \omega^2 + \omega^3 + \omega^2 + \omega + 3 \), ... “.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^2 + \omega^3 + \omega^2 + \omega + 1 \), \( \omega^2 + \omega^3 + \omega^2 + \omega + 2 \), \( \omega^2 + \omega^3 + \omega^2 + \omega + 3 \), ... “.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^2 + \omega^3 + \omega^2 + \omega + 1 \), \( \omega^2 + \omega^3 + \omega^2 + \omega + 2 \), \( \omega^2 + \omega^3 + \omega^2 + \omega + 3 \), ... “.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^2 + \omega^3 + \omega^2 + \omega + 1 \), \( \omega^2 + \omega^3 + \omega^2 + \omega + 2 \), \( \omega^2 + \omega^3 + \omega^2 + \omega + 3 \), ... “.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^2 + \omega^3 + \omega^2 + \omega + 1 \), \( \omega^2 + \omega^3 + \omega^2 + \omega + 2 \), \( \omega^2 + \omega^3 + \omega^2 + \omega + 3 \), ... “.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^2 + \omega^3 + \omega^2 + \omega + 1 \), \( \omega^2 + \omega^3 + \omega^2 + \omega + 2 \), \( \omega^2 + \omega^3 + \omega^2 + \omega + 3 \), ... “.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^2 + \omega^3 + \omega^2 + \omega + 1 \), \( \omega^2 + \omega^3 + \omega^2 + \omega + 2 \), \( \omega^2 + \omega^3 + \omega^2 + \omega + 3 \), ... “.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^2 + \omega^3 + \omega^2 + \omega + 1 \), \( \omega^2 + \omega^3 + \omega^2 + \omega + 2 \), \( \omega^2 + \omega^3 + \omega^2 + \omega + 3 \), ... “.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^2 + \omega^3 + \omega^2 + \omega + 1 \), \( \omega^2 + \omega^3 + \omega^2 + \omega + 2 \), \( \omega^2 + \omega^3 + \omega^2 + \omega + 3 \), ... “.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^2 + \omega^3 + \omega^2 + \omega + 1 \), \( \omega^2 + \omega^3 + \omega^2 + \omega + 2 \), \( \omega^2 + \omega^3 + \omega^2 + \omega + 3 \), ... “.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + \omega^3 + \omega^2$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + \omega^3 + \omega^3$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + \omega^3 + \omega^3 + 1$, $\omega^2 + \omega^3 + 2$, $\omega^2 + \omega^3 + \omega + 1$, $\omega^2 + \omega^3 + 2$...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + \omega^3 + \omega + 1$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + \omega^3 + \omega + 2$, $\omega^2 + \omega^3 + 1$...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + \omega^3 + \omega + 3$, $\omega^2 + \omega^3 + \omega + 2$, $\omega^2 + \omega^3 + \omega + 1$...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + \omega^3 + \omega + 3$, $\omega^2 + \omega^3 + \omega + 2$...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + \omega^3 + \omega + 3$, $\omega^2 + \omega^3 + \omega + 2$...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + \omega^3 + \omega + 3$...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + \omega^3 + \omega + 3$...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + \omega^3 + \omega + 3$...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + \omega^3 + \omega + 3$...
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^22 + \omega^33 + \omega^22 + \omega \).

\[
\omega^22 + \omega^33 + \omega^22 + \omega, \omega^22 + \omega^33 + \omega^22 + \omega + 1, \omega^22 + \omega^33 + \omega^22 + \omega + 2, \\
\omega^22 + \omega^33 + \omega^22 + \omega + 3, \ldots
\]

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^22 + \omega^33 + \omega^22 + \omega + \omega \).

\[
\omega^22 + \omega^33 + \omega^22 + \omega + \omega, \omega^22 + \omega^33 + \omega^22 + \omega + 1, \omega^22 + \omega^33 + \omega^22 + \omega + 2, \\
\omega^22 + \omega^33 + \omega^22 + \omega + 3, \ldots
\]

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^22 + \omega^33 + \omega^22 + \omega + 2 + \omega \).

\[
\omega^22 + \omega^33 + \omega^22 + \omega + 2, \omega^22 + \omega^33 + \omega^22 + \omega + 1, \omega^22 + \omega^33 + \omega^22 + \omega + 1 + 1, \\
\omega^22 + \omega^33 + \omega^22 + \omega + 1 + 2, \omega^22 + \omega^33 + \omega^22 + \omega + 1 + 3, \ldots
\]

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^22 + \omega^33 + \omega^22 + \omega^3 + \omega \).

\[
\omega^22 + \omega^33 + \omega^22 + \omega^3 + \omega, \omega^22 + \omega^33 + \omega^22 + \omega^3 + 1, \omega^22 + \omega^33 + \omega^22 + \omega^3 + 2, \\
\omega^22 + \omega^33 + \omega^22 + \omega^3 + 3, \ldots
\]

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^22 + \omega^33 + \omega^22 + \omega^3 + \omega + \omega \).

\[
\omega^22 + \omega^33 + \omega^22 + \omega + \omega, \omega^22 + \omega^33 + \omega^22 + \omega + 1, \omega^22 + \omega^33 + \omega^22 + \omega + 2, \\
\omega^22 + \omega^33 + \omega^22 + \omega + 3, \ldots
\]

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^22 + \omega^33 + \omega^22 + \omega^3 + \omega + \omega \).

\[
\omega^22 + \omega^33 + \omega^22 + \omega^3 + \omega + 1, \omega^22 + \omega^33 + \omega^22 + \omega^3 + 2, \\
\omega^22 + \omega^33 + \omega^22 + \omega^3 + 3, \ldots
\]

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^22 + \omega^33 + \omega^22 + \omega^3 + \omega^2 \).

\[
\omega^22 + \omega^33 + \omega^22 + \omega^3 + \omega^2, \omega^22 + \omega^33 + \omega^22 + \omega^3 + \omega^2 + 1, \\
\omega^22 + \omega^33 + \omega^22 + \omega^3 + \omega^2 + 2, \omega^22 + \omega^33 + \omega^22 + \omega^3 + \omega^2 + 3, \ldots
\]
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega \omega 2 + \omega 2 + \omega$.

"$\omega^2 2 + \omega 3, \omega^2 3 + \omega 3 + 1, \omega^2 3 + \omega 3 + 2, \omega^2 3 + \omega 3 + 3, \ldots$ ",

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 2 + \omega 3 + \omega$.

... 

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 3 + \omega 2 + \omega$.

"$\omega^2 3 + \omega 2, \omega^2 3 + \omega 2 + 1, \omega^2 3 + \omega 2 + 2, \omega^2 3 + \omega 2 + 3, \ldots$ ",

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 3 + \omega 2 + \omega$.

"$\omega^2 3 + \omega 2 + \omega, \omega^2 3 + \omega 2 + \omega + 1, \omega^2 3 + \omega 2 + \omega + 2, \omega^2 3 + \omega 2 + \omega + 3, \ldots$ ",

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 3 + \omega 2 + \omega$.

"$\omega^2 3 + \omega 2 + \omega, \omega^2 3 + \omega 2 + \omega + 1, \omega^2 3 + \omega 2 + \omega + 2, \omega^2 3 + \omega 2 + \omega + 3, \ldots$ ",

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 3 + \omega 2 + \omega$.

"$\omega^2 3 + \omega 2 + \omega, \omega^2 3 + \omega 2 + \omega + 1, \omega^2 3 + \omega 2 + \omega + 2, \omega^2 3 + \omega 2 + \omega + 3, \ldots$ ",

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 3 + \omega 2 + \omega$. 

... 

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 3 + \omega 2 + \omega$.

"$\omega^2 3 + \omega 2, \omega^2 3 + \omega 2 + 1, \omega^2 3 + \omega 2 + 2, \omega^2 3 + \omega 2 + 3, \ldots$ ",

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 3 + \omega 2 + \omega$.

"$\omega^2 3 + \omega 2 + \omega, \omega^2 3 + \omega 2 + \omega + 1, \omega^2 3 + \omega 2 + \omega + 2, \omega^2 3 + \omega 2 + \omega + 3, \ldots$ ",

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 3 + \omega 2 + \omega$.

"$\omega^2 3 + \omega 2 + \omega, \omega^2 3 + \omega 2 + \omega + 1, \omega^2 3 + \omega 2 + \omega + 2, \omega^2 3 + \omega 2 + \omega + 3, \ldots$ ",

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 3 + \omega 2 + \omega$.

"$\omega^2 3 + \omega 2 + \omega, \omega^2 3 + \omega 2 + \omega + 1, \omega^2 3 + \omega 2 + \omega + 2, \omega^2 3 + \omega 2 + \omega + 3, \ldots$ ",

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 3 + \omega 2 + \omega$.

"$\omega^2 3 + \omega 2 + \omega, \omega^2 3 + \omega 2 + \omega + 1, \omega^2 3 + \omega 2 + \omega + 2, \omega^2 3 + \omega 2 + \omega + 3, \ldots$ ",

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 3 + \omega 2 + \omega$.

"$\omega^2 3 + \omega 2 + \omega, \omega^2 3 + \omega 2 + \omega + 1, \omega^2 3 + \omega 2 + \omega + 2, \omega^2 3 + \omega 2 + \omega + 3, \ldots$ ",

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 3 + \omega 2 + \omega$.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $$\omega^{\omega^2 3} + \omega^2 3 + \omega$$.

“$$\omega^{\omega^2 3} + \omega^2 3 + \omega, \omega^{\omega^2 3} + \omega^2 3 + \omega + 1, \omega^{\omega^2 3} + \omega^2 3 + \omega + 2, \omega^{\omega^2 3} + \omega^2 3 + \omega + 3,$$

...”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $$\omega^{\omega^2 3} + \omega^2 3 + \omega + \omega$$.

“$$\omega^{\omega^2 3} + \omega^2 3 + \omega + \omega, \omega^{\omega^2 3} + \omega^2 3 + \omega + 2 + 1, \omega^{\omega^2 3} + \omega^2 3 + \omega + 2 + 2, \omega^{\omega^2 3} + \omega^2 3 + \omega + 2 + 3,$$

...”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $$\omega^{\omega^2 3} + \omega^2 3 + \omega^3 + \omega$$.

“$$\omega^{\omega^2 3} + \omega^2 3 + \omega^3 + \omega + 1, \omega^{\omega^2 3} + \omega^2 3 + \omega^3 + \omega + 2, \omega^{\omega^2 3} + \omega^2 3 + \omega^3 + \omega + 3,$$

...”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $$\omega^{\omega^2 3} + \omega^2 3 + \omega + \omega^3$$.

“$$\omega^{\omega^2 3} + \omega^2 3 + \omega + \omega^3, \omega^{\omega^2 3} + \omega^2 3 + \omega^3 + \omega 3 + 1, \omega^{\omega^2 3} + \omega^2 3 + \omega^3 + \omega 3 + 2, \omega^{\omega^2 3} + \omega^2 3 + \omega^3 + \omega 3 + 3,$$

...”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $$\omega^{\omega^2 3} + \omega^3 + \omega$$.

“$$\omega^{\omega^2 3} + \omega^3 + \omega, \omega^{\omega^2 3} + \omega^3 + \omega 2 + 1, \omega^{\omega^2 3} + \omega^3 + \omega 2 + 2, \omega^{\omega^2 3} + \omega^3 + \omega 2 + 3,$$

...”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $$\omega^{\omega^2 3} + \omega^3 + \omega^2 + \omega$$.

“$$\omega^{\omega^2 3} + \omega^3 + \omega^2 + \omega, \omega^{\omega^2 3} + \omega^3 + \omega^2 + \omega + 1, \omega^{\omega^2 3} + \omega^3 + \omega^2 + \omega + 2, \omega^{\omega^2 3} + \omega^3 + \omega^2 + \omega + 3,$$

...”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $$\omega^{\omega^2 3} + \omega^3 + \omega^2 + \omega + \omega$$.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega \cdot \omega \cdot 3 + \omega^3 + \omega^2 + \omega$, $\omega \cdot \omega \cdot 3 + \omega^3 + \omega^2 + \omega 2 + 1$, $\omega \cdot \omega \cdot 3 + \omega^3 + \omega^2 + \omega + 2$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega \cdot \omega \cdot 3 + \omega^3 + \omega^2 + \omega + 2$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega \cdot \omega \cdot 3 + \omega^3 + \omega^2 + \omega 2 + 1$, $\omega \cdot \omega \cdot 3 + \omega^3 + \omega^2 + \omega + 2$, $\omega \cdot \omega \cdot 3 + \omega^3 + \omega^2 + \omega + 3$, ... 

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega \cdot \omega \cdot 3 + \omega^3 + \omega^2 + \omega + 2$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega \cdot \omega \cdot 3 + \omega^3 + \omega^2 + \omega 2 + 1$, $\omega \cdot \omega \cdot 3 + \omega^3 + \omega^2 + \omega + 2$, $\omega \cdot \omega \cdot 3 + \omega^3 + \omega^2 + \omega + 3$, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega \cdot \omega \cdot 3 + \omega^3 + \omega^2 + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega \cdot \omega \cdot 3 + \omega^3 + \omega^2 + \omega 2 + 1$, $\omega \cdot \omega \cdot 3 + \omega^3 + \omega^2 + \omega + 2$, $\omega \cdot \omega \cdot 3 + \omega^3 + \omega^2 + \omega + 3$, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega \cdot \omega \cdot 3 + \omega^3 + \omega^2 + \omega + 2$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega \cdot \omega \cdot 3 + \omega^3 + \omega^2 + \omega 2 + 1$, $\omega \cdot \omega \cdot 3 + \omega^3 + \omega^2 + \omega + 2$, $\omega \cdot \omega \cdot 3 + \omega^3 + \omega^2 + \omega + 3$, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega \cdot \omega \cdot 3 + \omega^3 + \omega^2 + \omega + 2$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega \cdot \omega \cdot 3 + \omega^3 + \omega^2 + \omega 2 + 1$, $\omega \cdot \omega \cdot 3 + \omega^3 + \omega^2 + \omega + 2$, $\omega \cdot \omega \cdot 3 + \omega^3 + \omega^2 + \omega + 3$, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega \cdot \omega \cdot 3 + \omega^3 + \omega^2 + \omega + 2$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega \cdot \omega \cdot 3 + \omega^3 + \omega^2 + \omega 2 + 1$, $\omega \cdot \omega \cdot 3 + \omega^3 + \omega^2 + \omega + 2$, $\omega \cdot \omega \cdot 3 + \omega^3 + \omega^2 + \omega + 3$, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega \cdot \omega \cdot 3 + \omega^3 + \omega^2 + \omega + 2$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega \cdot \omega \cdot 3 + \omega^3 + \omega^2 + \omega 2 + 1$, $\omega \cdot \omega \cdot 3 + \omega^3 + \omega^2 + \omega + 2$, $\omega \cdot \omega \cdot 3 + \omega^3 + \omega^2 + \omega + 3$, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega \cdot \omega \cdot 3 + \omega^3 + \omega^2 + \omega + 2$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega \cdot \omega \cdot 3 + \omega^3 + \omega^2 + \omega 2 + 1$, $\omega \cdot \omega \cdot 3 + \omega^3 + \omega^2 + \omega + 2$, $\omega \cdot \omega \cdot 3 + \omega^3 + \omega^2 + \omega + 3$, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega \cdot \omega \cdot 3 + \omega^3 + \omega^2 + \omega + 2$.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 3 + 3 + \omega^2 3 + \omega^2$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 3 + 3 + \omega^3$.

$\omega^2 3 + 3 + \omega^2 3 + \omega^3 2 + 1, \omega^2 3 + \omega^3 2 + 2, \omega^2 3 + \omega^3 2 + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 3 + \omega^3 2 + \omega$.

$\omega^2 3 + \omega^3 2 + \omega, \omega^2 3 + \omega^3 2 + \omega + 1, \omega^2 3 + \omega^3 2 + \omega + 2, \omega^2 3 + \omega^3 2 + \omega + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 3 + \omega^3 2 + \omega + \omega$.

$\omega^2 3 + \omega^3 2 + \omega + \omega, \omega^2 3 + \omega^3 2 + \omega + 1, \omega^2 3 + \omega^3 2 + \omega + 2, \omega^2 3 + \omega^3 2 + \omega + 3, \omega^2 3 + \omega^3 2 + \omega + 4, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^3 + \omega^3 2 + \omega + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 3 + \omega^3 2 + \omega^2 + \omega + \omega$.

$\omega^2 3 + \omega^3 2 + \omega^2 + \omega, \omega^2 3 + \omega^3 2 + \omega^2 + \omega + 1, \omega^2 3 + \omega^3 2 + \omega^2 + \omega + 2, \omega^2 3 + \omega^3 2 + \omega^2 + \omega + 3, \omega^2 3 + \omega^3 2 + \omega^2 + \omega + 4, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^3 + \omega^3 2 + \omega^2 + \omega + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 3 + \omega^3 2 + \omega^2 + \omega^2 + \omega + \omega$.

$\omega^2 3 + \omega^3 2 + \omega^2 + \omega, \omega^2 3 + \omega^3 2 + \omega^2 + \omega + 1, \omega^2 3 + \omega^3 2 + \omega^2 + \omega + 2, \omega^2 3 + \omega^3 2 + \omega^2 + \omega + 3, \omega^2 3 + \omega^3 2 + \omega^2 + \omega + 4, \omega^2 3 + \omega^3 2 + \omega^2 + \omega + 5, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^3 + \omega^3 2 + \omega^2 + \omega^2 + \omega + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 3 + \omega^3 2 + \omega^2 + \omega^2$.

$\omega^2 3 + \omega^3 2 + \omega^2, \omega^2 3 + \omega^3 2 + \omega^2 + 1, \omega^2 3 + \omega^3 2 + \omega^2 + 2, \omega^2 3 + \omega^3 2 + \omega^2 + 3, \omega^2 3 + \omega^3 2 + \omega^2 + 4, \ldots$.

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Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^3 \omega^2 + \omega^2 + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^3 + \omega^2 + \omega + 1, \omega^3 \omega + \omega^2 + \omega + 2, \omega^3 \omega + \omega^2 + \omega + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + \omega^2 + \omega + 2 + \omega + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + \omega^2 + \omega + 2 + \omega + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + \omega^2 + \omega + 2 + \omega + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + \omega^2 + \omega + 2 + \omega + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + \omega^2 + \omega + 2 + \omega + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + \omega^2 + \omega + 2 + \omega + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + \omega^2 + \omega + 2 + \omega + \omega$.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2}3 + \omega^{\omega^2}3 + \omega^2 + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2}3 + \omega^3 + \omega2 + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2}3 + \omega^3 + \omega2 + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2}3 + \omega^3 + \omega2 + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2}3 + \omega^3 + \omega2 + \omega$.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + 3 + \omega^3 + \omega^2 + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + 3 + \omega^3 + \omega^2 + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^2 + 3 + \omega^3 + \omega^2 + \omega$.

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$\omega^{\omega^{2+1}} + \omega^2 + \omega, \omega^{\omega^{2+1}} + \omega^2 + 2, \omega^{\omega^{2+1}} + \omega^2 + 2 + 1, \omega^{\omega^{2+1}} + \omega^2 + 2 + 2, \omega^{\omega^{2+1}} + \omega^2 + \omega 2 + 3\ldots$.

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\[ \omega^{2+1} + \omega^{3} + \omega^{2} + \omega, \omega^{2+1} + \omega^{3} + \omega^{2} + \omega, \omega^{2+1} + \omega^{3} + \omega^{2} + \omega + 2, \omega^{2+1} + \omega^{3} + \omega^{2} + \omega + 3, \ldots \].

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\[ \omega^{2+1} + \omega^{3} + \omega^{2} + \omega + 2, \omega^{2+1} + \omega^{3} + \omega^{2} + \omega + 3, 1, \omega^{2+1} + \omega^{3} + \omega^{2} + \omega + 4, \omega^{2+1} + \omega^{3} + \omega^{2} + \omega + 5, \ldots \].

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\[ \omega^{2+1} + \omega^{3} + \omega^{2} + \omega + 3, \omega^{2+1} + \omega^{3} + \omega^{2} + \omega + 4, \omega^{2+1} + \omega^{3} + \omega^{2} + \omega + 5, \omega^{2+1} + \omega^{3} + \omega^{2} + \omega + 6, \ldots \].
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\[ \omega^{\omega+2+1} + \omega^3 + \omega^3, \omega^{\omega+1} + \omega^2 + \omega^2 + 1, \omega^{\omega+2+1} + \omega^3 + 2, \omega^{\omega+2+1} + \omega^2 + \omega^2 + 3, \ldots \].

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\[ \omega^{\omega+2+1} + \omega^3 + \omega^3 + \omega, \omega^{\omega+2+1} + \omega^3 + 2 + \omega + 1, \omega^{\omega+2+1} + \omega^3 + 2 + \omega^2 + 2, \omega^{\omega+2+1} + \omega^3 + \omega + 3 + 3, \ldots \].
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{2+1} + \omega^1 \omega^3 + \omega^2 + \omega$. 

$\omega^{2+1} + \omega^3 + \omega + \omega, \omega^{2+1} + \omega^3 + \omega^2 + \omega + 1, \omega^{2+1} + \omega^3 + \omega^2 + \omega + 2, \omega^{2+1} + \omega^3 + \omega^2 + \omega + 3, \ldots$. 

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$$\ldots.$$

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+1} + \omega^2 + \omega + \omega + 3, \ldots$.

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Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+12} + \omega^3 + \omega^2 + 2$, $\omega^{\omega^2+12} + \omega^3 + \omega^2 + 2$, $\omega^{\omega^2+12} + \omega^3 + \omega^2 + 2$, $\omega^{\omega^2+12} + \omega^3 + \omega^2 + 2$.

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Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+12} + \omega^3 + \omega^2 2 + \omega^2$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+12} + \omega^3 + \omega^2 3, \omega^{\omega^{\omega^2+12} + \omega^3 + \omega^2 3 + 1}, \omega^{\omega^2+12} + \omega^3 + \omega^2 3 + 2, \omega^{\omega^2+12} + \omega^3 + \omega^2 3 + 3, ...$.

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Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^{2+1}2 + \omega^32 + \omega^2 + \omega}$.

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Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \(\omega^{2+12} + \omega^3 + \omega^2 + \omega^2\).

\[ \omega^2+12 + \omega^3 + \omega^2 + \omega^2 + \omega + 1, \omega^{2+12} + \omega^3 + \omega^2 + 2, \omega^{2+12} + \omega^3 + \omega^2 + 3, ... \].

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \(\omega^{2+12} + \omega^3 + \omega^2 + \omega\).

\[ \omega^2+12 + \omega^3 + \omega^2 + \omega, \omega^{2+12} + \omega^3 + \omega^2 + \omega + 1, \omega^{2+12} + \omega^3 + \omega^2 + 2, \omega^{2+12} + \omega^3 + \omega^2 + \omega + 3, ... \].

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \(\omega^{2+12} + \omega^3 + \omega^2 + \omega + \omega\).

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Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \(\omega^{2+12} + \omega^3 + \omega^2 + \omega + 1, \omega^{2+12} + \omega^3 + \omega^2 + 2, \omega^{2+12} + \omega^3 + \omega^2 + 3, ... \).
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega \omega^2+1 + \omega \omega^2+1 + \omega \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega \omega^2+1 + \omega \omega^2+1 + \omega + 1, \omega \omega^2+1 + \omega + 1, \omega \omega^2+1 + \omega + 2, \omega \omega^2+1 + \omega + 3, \ldots \).
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+13} + \omega^2 + \omega^3 + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+13} + \omega^2 + \omega^2$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+13} + \omega^3 + \omega$, $\omega^{\omega^2+13} + \omega^2 + 1$, $\omega^{\omega^2+13} + \omega^3 + \omega + 1$, $\omega^{\omega^2+13} + \omega^2 + \omega + 2$, $\omega^{\omega^2+13} + \omega^3 + \omega + 3$, ... “.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+13} + \omega^2 + 3 + \omega$, $\omega^{\omega^2+13} + \omega^2 + 1 + \omega^3 + \omega^2 + 1 + \omega^3 + \omega + 3$, ... “.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+13} + \omega^2 + \omega + \omega$. $\omega^2+13 + \omega^2 + \omega$, $\omega^2+13 + \omega^2 + \omega + 1$, $\omega^2+13 + \omega^2 + \omega + 2$, $\omega^2+13 + \omega^2 + \omega + 3$, ... “.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+13} + \omega^2 + \omega + \omega$. $\omega^2+13 + \omega^2 + \omega + 1$, $\omega^2+13 + \omega^2 + \omega + 2$, $\omega^2+13 + \omega^2 + \omega + 3$, ... “.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+13} + \omega^2 + \omega + \omega$. $\omega^2+13 + \omega + 1$, $\omega^2+13 + \omega + 2$, $\omega^2+13 + \omega + 3$, ... “.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+13} + \omega^3 + \omega + 1$, $\omega^{\omega^2+13} + \omega^3 + \omega + 2$, $\omega^{\omega^2+13} + \omega^3 + \omega + 3$, ... “.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+13} + \omega^3 + \omega + 1$, $\omega^{\omega^2+13} + \omega^3 + \omega + 2$, $\omega^{\omega^2+13} + \omega^3 + \omega + 3$, ... “.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+13} + \omega^2 + \omega + \omega$. $\omega^2+13 + \omega^2 + \omega + 1$, $\omega^2+13 + \omega^2 + \omega + 2$, $\omega^2+13 + \omega^2 + \omega + 3$, ... “.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+13} + \omega^{3} + \omega^2 + \omega$. 
$^{\omega^{\omega^2+13} + \omega^{3} + \omega^2 + \omega , \omega^{\omega^2+13} + \omega^{3} + \omega^2 + \omega + 1 , \omega^{\omega^2+13} + \omega^{3} + \omega^2 + \omega + 2 , \omega^{\omega^2+13} + \omega^{3} + \omega^2 + \omega + 3 , \ldots }$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^{\omega^2+13} + \omega^{3} + \omega^2 + \omega + \omega}$. 
$^{\omega^{\omega^2+13} + \omega^{3} + \omega^2 + \omega , \omega^{\omega^2+13} + \omega^{3} + \omega^2 + \omega + 1 , \omega^{\omega^2+13} + \omega^{3} + \omega^2 + \omega + 2 , \omega^{\omega^2+13} + \omega^{3} + \omega^2 + \omega + 3 , \ldots }$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+13} + \omega^{\omega^2+13} + \omega^{3} + \omega^2 + \omega + \omega}$. 
$^{\omega^{\omega^2+13} + \omega^{3} + \omega^2 + \omega , \omega^{\omega^2+13} + \omega^{3} + \omega^2 + \omega + 1 , \omega^{\omega^2+13} + \omega^{3} + \omega^2 + \omega + 2 , \omega^{\omega^2+13} + \omega^{3} + \omega^2 + \omega + 3 , \ldots }$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+13} + \omega^{3} + \omega^2 + \omega + \omega}$. 
$^{\omega^{\omega^2+13} + \omega^{3} + \omega^2 + \omega , \omega^{\omega^2+13} + \omega^{3} + \omega^2 + \omega + 1 , \omega^{\omega^2+13} + \omega^{3} + \omega^2 + \omega + 2 , \omega^{\omega^2+13} + \omega^{3} + \omega^2 + \omega + 3 , \ldots }$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+13} + \omega^{3} + \omega^2 + \omega^3 + \omega + \omega}$. 
$^{\omega^{\omega^2+13} + \omega^{3} + \omega^2 + \omega , \omega^{\omega^2+13} + \omega^{3} + \omega^2 + \omega + 1 , \omega^{\omega^2+13} + \omega^{3} + \omega^2 + \omega + 2 , \omega^{\omega^2+13} + \omega^{3} + \omega^2 + \omega^3 + \omega + 2 , \omega^{\omega^2+13} + \omega^{3} + \omega^2 + \omega^3 + \omega + 3 , \ldots }$.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+1} + \omega^3 + \omega^2 \omega + \omega \).

\[ \omega^{\omega+1} + \omega^3 + \omega^2 \omega + \omega, \omega^{\omega+1} + \omega^3 + \omega^2 \omega + 1, \omega^{\omega+1} + \omega^3 + \omega^2 \omega + 2, \omega^{\omega+1} 3 + \omega^3 + \omega^2 \omega + 3 + 3, ... \].

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+1} + \omega^3 + \omega^2 \omega + \omega \).

... Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+1} + \omega^3 + \omega^2 \omega + \omega \).

... Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+1} + \omega^3 + \omega^2 \omega + \omega \).

\[ \omega^{\omega+1} + \omega^3 2, \omega^{\omega+1} + \omega^3 + 1, \omega^{\omega+1} + \omega^3 + 2, \omega^{\omega+1} 3 + \omega^3 + 3, ... \].

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+1} + \omega^3 + \omega^2 \omega + \omega \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+1} + \omega^3 + \omega^2 \omega + \omega \).

\[ \omega^{\omega+1} + \omega^3 + 1 + \omega, \omega^{\omega+1} + \omega^3 + 2 + \omega + 1, \omega^{\omega+1} + \omega^3 + 2 + \omega + 2, \omega^{\omega+1} + \omega^3 + 2 + \omega + 3, ... \].

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Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+1} + \omega^3 + \omega^2 \omega + \omega \).

\[ \omega^{\omega+1} + \omega^3 + 2 + \omega + 3, \omega^{\omega+1} + \omega^3 + 2 + \omega + 3 + 1, \omega^{\omega+1} + \omega^3 + 2 + \omega + 3 + 2, \omega^{\omega+1} + \omega^3 + 2 + \omega + 3 + 3, ... \].

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+1} + \omega^3 + \omega^2 \omega + \omega \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega+1} + \omega^3 + \omega^2 \omega + \omega \).

\[ \omega^{\omega+1} + \omega^3 + 2 + \omega + 3 + 1 + \omega, \omega^{\omega+1} + \omega^3 + 2 + \omega + 3 + 2, \omega^{\omega+1} + \omega^3 + 2 + \omega + 3 + 3, ... \].
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \(\omega^{2+1} + \omega^3 + \omega^2 + \omega + 1\), \(\omega^{2+1} + \omega^3 + \omega^2 + \omega^2 + 1\), \(\omega^{2+1} + \omega^3 + 2\) and so on.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \(\omega^{2+2} + \omega^3 + \omega^2 + \omega + 1\), \(\omega^{2+2} + \omega^3 + \omega^2 + \omega^2 + 1\), \(\omega^{2+2} + \omega^3 + \omega^2 + \omega^2 + 3\) and so on.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \(\omega^{2+2} + \omega^3 + \omega^2 + \omega + 1\), \(\omega^{2+2} + \omega^3 + \omega^2 + \omega^2 + 1\), \(\omega^{2+2} + \omega^3 + \omega^2 + \omega^2 + 3\) and so on.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \(\omega^{2+2} + \omega^3 + \omega^2 + \omega + 1\), \(\omega^{2+2} + \omega^3 + \omega^2 + \omega^2 + 1\), \(\omega^{2+2} + \omega^3 + \omega^2 + \omega^2 + 3\) and so on.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \(\omega^{2+2} + \omega^3 + \omega^2 + \omega + 1\), \(\omega^{2+2} + \omega^3 + \omega^2 + \omega^2 + 1\), \(\omega^{2+2} + \omega^3 + \omega^2 + \omega^2 + 3\) and so on.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega^2+1+3} + \omega^3 + \omega \).

\[ \omega^{\omega^2+1+3} + \omega^3 + \omega, \, \omega^{\omega^2+1+3} + \omega^3 + 3 + \omega + 1, \, \omega^{\omega^2+1+3} + \omega^3 + \omega + 2, \, \omega^{\omega^2+1+3} + \omega^3 + \omega + 3, \ldots. \]

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega^2+1+3} + \omega^3 + \omega + \omega \).

\[ \omega^{\omega^2+1+3} + \omega^3 + \omega + \omega, \, \omega^{\omega^2+1+3} + \omega^3 + \omega + 2 + 1, \, \omega^{\omega^2+1+3} + \omega^3 + \omega + 2 + 2, \, \omega^{\omega^2+1+3} + \omega^3 + \omega + 2 + 3, \ldots. \]

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega^2+1+3} + \omega^3 + \omega + \omega \).

\[ \omega^{\omega^2+1+3} + \omega^3 + \omega + \omega, \, \omega^{\omega^2+1+3} + \omega^3 + \omega + 3 + \omega + 1, \, \omega^{\omega^2+1+3} + \omega^3 + \omega + 3 + 2, \, \omega^{\omega^2+1+3} + \omega^3 + \omega + 3 + 3, \ldots. \]

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega^2+1+3} + \omega^3 + \omega + \omega \).

\[ \omega^{\omega^2+1+3} + \omega^3 + \omega + \omega, \, \omega^{\omega^2+1+3} + \omega^3 + \omega + 2 + 1, \, \omega^{\omega^2+1+3} + \omega^3 + \omega + 2 + 2, \, \omega^{\omega^2+1+3} + \omega^3 + \omega + 2 + 3, \ldots. \]
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{2+1} + 3 + \omega^3 + \omega^2 + \omega + \omega \).

\[ \ldots \]

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{2+1} + 3 + \omega^2 + \omega^3, \omega^{2+1} + 3 + \omega^3 + \omega^2 + \omega + 1, \omega^{2+1} + 3 + \omega^3 + \omega^2 + \omega^3 + 2, \omega^{2+1} + 3 + \omega^3 + \omega^2 + \omega + 1, \omega^{2+1} + 3 + \omega^3 + \omega^2 + \omega^3 + 2 + 1, \omega^{2+1} + 3 + \omega^3 + \omega^2 + \omega + 1, \omega^{2+1} + 3 + \omega^3 + \omega^2 + \omega + 1, \omega^{2+1} + 3 + \omega^3 + \omega^2 + \omega + 1, \omega^{2+1} + 3 + \omega^3 + \omega^2 + \omega + 1 \ldots \).
Eventually he ran out of natural numbers again. That didn't stop him. He'd just use $\omega \omega^2 + \omega^2 + \omega$. Eventually he ran out of natural numbers again. That didn't stop him. He'd just use $\omega^2 + \omega + 1$, $\omega \omega^2 + \omega^2 + \omega + 1$, $\omega \omega^2 + \omega^2 + \omega^2 + \omega + 2$, $\omega \omega^2 + \omega^3 + \omega + 2$. Eventually he ran out of natural numbers again. That didn't stop him. He'd just use $\omega \omega^2 + \omega^2 + \omega + 1$, $\omega^2 + \omega^2 + \omega + 2$, $\omega \omega^2 + \omega^2 + \omega^2 + \omega + 3$. Eventually he ran out of natural numbers again. That didn't stop him. He'd just use $\omega \omega^2 + \omega^2 + \omega + \omega$. Eventually he ran out of natural numbers again. That didn't stop him. He'd just use $\omega^2 + \omega^3 + \omega + \omega$. Eventually he ran out of natural numbers again. That didn't stop him. He'd just use $\omega \omega^2 + \omega^2 + \omega + 1$, $\omega \omega^2 + \omega^2 + \omega^2 + \omega + 2$, $\omega \omega^2 + \omega^2 + \omega^2 + \omega + 3$.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega^{2+2}} + \omega^3 + \omega^2 + \omega^3 + \omega \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega^{2+2}} + \omega^{2+2} + \omega^3 + \omega^2 + \omega^3 + \omega + 3, \ldots \)."

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega^{2+2}} + \omega^3 + \omega + 3, \ldots \)."

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega^{2+2}} + \omega^3 + \omega + 3, \ldots \)."

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Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{2+2} + \omega^3 + \omega^2 + \omega \).
\[ \omega^{2+2} + \omega^3 + \omega^2 + \omega^3 + \omega^2 + 1, \omega^{2+2} + \omega^3 + \omega^2 + 2, \omega^{2+2} + \omega^3 + \omega^2 + 3, \ldots. \]
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{2+2} + \omega^3 + \omega^2 + \omega \).
\[ \omega^{2+2} + \omega^3 + \omega^2 + \omega + 1, \omega^{2+2} + \omega^3 + \omega^2 + \omega + 2, \omega^{2+2} + \omega^3 + \omega^2 + \omega + 3, \ldots. \]
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{2+2} + \omega^3 + \omega^2 + \omega \).
\[ \omega^{2+2} + \omega^3 + \omega^2 + \omega + 1, \omega^{2+2} + \omega^3 + \omega^2 + \omega + 2, \omega^{2+2} + \omega^3 + \omega^2 + \omega + 3, \ldots. \]
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{2+2} + \omega^3 + \omega^2 + \omega \).
\[ \omega^{2+2} + \omega^3 + \omega^2 + \omega + 1, \omega^{2+2} + \omega^3 + \omega^2 + \omega + 2, \omega^{2+2} + \omega^3 + \omega^2 + \omega + 3, \ldots. \]
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{2+2} + \omega^3 + \omega^2 + \omega \).
\[ \omega^{2+2} + \omega^3 + \omega^2 + \omega + 1, \omega^{2+2} + \omega^3 + \omega^2 + \omega + 2, \omega^{2+2} + \omega^3 + \omega^2 + \omega + 3, \ldots. \]
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{2+2} + \omega^3 + \omega^2 + \omega \).
\[ \omega^{2+2} + \omega^3 + \omega^2 + \omega + 1, \omega^{2+2} + \omega^3 + \omega^2 + \omega + 2, \omega^{2+2} + \omega^3 + \omega^2 + \omega + 3, \ldots. \]
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{2+2} + \omega^3 + \omega^2 + \omega \).
\[ \omega^{2+2} + \omega^3 + \omega^2 + \omega + 1, \omega^{2+2} + \omega^3 + \omega^2 + \omega + 2, \omega^{2+2} + \omega^3 + \omega^2 + \omega + 3, \ldots. \]
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+2} + \omega^3 2 + \omega$.

$\omega^{\omega^2+2} + \omega^3 2 + \omega + \omega, \omega^{\omega^2+2} + \omega^3 2 + \omega + 1, \omega^{\omega^2+2} + \omega^3 2 + \omega + 2, \omega^{\omega^2+2} + \omega^3 2 + \omega + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+2} + \omega^3 2 + \omega + \omega$.

$\omega^{\omega^2+2} + \omega^3 2 + \omega + \omega, \omega^{\omega^2+2} + \omega^3 2 + \omega + 1, \omega^{\omega^2+2} + \omega^3 2 + \omega + 2, \omega^{\omega^2+2} + \omega^3 2 + \omega + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+2} + \omega^3 2 + \omega + \omega$.

$\omega^{\omega^2+2} + \omega^3 2 + \omega + \omega, \omega^{\omega^2+2} + \omega^3 2 + \omega + 1, \omega^{\omega^2+2} + \omega^3 2 + \omega + 2, \omega^{\omega^2+2} + \omega^3 2 + \omega + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+2} + \omega^3 2 + \omega + \omega$.

$\omega^{\omega^2+2} + \omega^3 2 + \omega + \omega, \omega^{\omega^2+2} + \omega^3 2 + \omega + 1, \omega^{\omega^2+2} + \omega^3 2 + \omega + 2, \omega^{\omega^2+2} + \omega^3 2 + \omega + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+2} + \omega^3 2 + \omega + \omega$.

$\omega^{\omega^2+2} + \omega^3 2 + \omega + \omega, \omega^{\omega^2+2} + \omega^3 2 + \omega + 1, \omega^{\omega^2+2} + \omega^3 2 + \omega + 2, \omega^{\omega^2+2} + \omega^3 2 + \omega + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+2} + \omega^3 2 + \omega + \omega$.

$\omega^{\omega^2+2} + \omega^3 2 + \omega + \omega, \omega^{\omega^2+2} + \omega^3 2 + \omega + 1, \omega^{\omega^2+2} + \omega^3 2 + \omega + 2, \omega^{\omega^2+2} + \omega^3 2 + \omega + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+2} + \omega^3 2 + \omega + \omega$.

$\omega^{\omega^2+2} + \omega^3 2 + \omega + \omega, \omega^{\omega^2+2} + \omega^3 2 + \omega + 1, \omega^{\omega^2+2} + \omega^3 2 + \omega + 2, \omega^{\omega^2+2} + \omega^3 2 + \omega + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+2} + \omega^3 2 + \omega + \omega$.

$\omega^{\omega^2+2} + \omega^3 2 + \omega + \omega, \omega^{\omega^2+2} + \omega^3 2 + \omega + 1, \omega^{\omega^2+2} + \omega^3 2 + \omega + 2, \omega^{\omega^2+2} + \omega^3 2 + \omega + 3, \ldots$.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^{2+2}} + \omega^{3} + \omega^{2} + \omega + \omega$.

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Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2 + 2} + \omega^3 + \omega^2$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2 + 2} + \omega^3 + \omega^2 + \omega^2 + \omega^3 + \omega^2 + 1$, $\omega^{\omega^2 + 2} + \omega^3 + \omega^2 + 2$, $\omega^{\omega^2 + 2} + \omega^3 + \omega^2 + 3$, ...

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Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+2} + \omega^3 + \omega^2 3 + \omega$, $\omega^{\omega^2+2} + \omega^3 + \omega^2 3 + \omega + 1$, $\omega^{\omega^2+2} + \omega^3 + \omega^2 3 + \omega + 2$, $\omega^{\omega^2+2} + \omega^3 + \omega^2 3 + \omega + 3$, ... ”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+2} + \omega^3 + \omega^2 3 + \omega + \omega$.

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Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega^2+2+2} + \omega^3 + \omega \).

\[ \omega^{\omega^2+2+2} + \omega^3 + \omega, \ \omega^{\omega^2+2+2} + \omega^3 + \omega + 1, \ \omega^{\omega^2+2+2} + \omega^3 + \omega + 2, \ \omega^{\omega^2+2+2} + \omega^3 + \omega + 3, \ldots \]

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\[ \omega^{\omega^2+2+2} + \omega^3 + \omega^2, \ \omega^{\omega^2+2+2} + \omega^3 + \omega + 2 + 1, \ \omega^{\omega^2+2+2} + \omega^3 + \omega + 2 + 2, \ \omega^{\omega^2+2+2} + \omega^3 + \omega + 2 + 3, \ldots \]

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\[ \omega^{\omega^2+2+2} + \omega^3 + \omega + 1, \ \omega^{\omega^2+2+2} + \omega^3 + \omega + 2, \ \omega^{\omega^2+2+2} + \omega^3 + \omega + 3, \ldots \]

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\[ \omega^{\omega^2+2+2} + \omega^3 + \omega^2 + 2, \ \omega^{\omega^2+2+2} + \omega^3 + \omega^2 + 2 + 1, \ \omega^{\omega^2+2+2} + \omega^3 + \omega^2 + 2 + 2, \ \omega^{\omega^2+2+2} + \omega^3 + \omega^2 + 2 + 3, \ldots \]

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\[ \omega^{\omega^2+2+2} + \omega^3 + \omega^2 + \omega + 1, \ \omega^{\omega^2+2+2} + \omega^3 + \omega^2 + \omega + 2, \ \omega^{\omega^2+2+2} + \omega^3 + \omega^2 + \omega + 3, \ldots \]

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\[ \omega^{\omega^2+2+2} + \omega^3 + \omega^2 + \omega, \ \omega^{\omega^2+2+2} + \omega^3 + \omega^2 + \omega + 1, \ \omega^{\omega^2+2+2} + \omega^3 + \omega^2 + \omega + 2, \ \omega^{\omega^2+2+2} + \omega^3 + \omega^2 + \omega + 3, \ldots \]
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\[\omega^{2+2} + \omega^3 + \omega^2, \omega^{2+2} + \omega^3 + \omega^2 + 1, \omega^{2+2} + \omega^3 + \omega^2 + 2, \omega^{2+2} + \omega^3 + \omega^2 + 3, \ldots \].

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\[\omega^{2+2} + \omega^3 + \omega^2 + \omega, \omega^{2+2} + \omega^3 + \omega^2 + \omega + 1, \omega^{2+2} + \omega^3 + \omega^2 + \omega + 2, \omega^{2+2} + \omega^3 + \omega^2 + \omega + 3, \ldots \].
\[
\omega^{2+2} + \omega^3 + \omega^3 + \omega, \quad \omega^{2+2} + \omega^3 + \omega^3 + \omega + 1, \quad \omega^{2+2} + \omega^3 + \omega^3 + \omega + 2, \\
\omega^{2+2} + \omega^3 + \omega^3 + \omega + 3, \ldots
\]

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\omega^{2+2} + \omega^3 + \omega^3 + \omega + 3, \ldots
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\omega^{2+2} + \omega^3 + \omega^3 + \omega + 3, \ldots
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\omega^{2+2} + \omega^3 + \omega^3 + \omega + 3, \ldots
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\omega^{2+2} + \omega^3 + \omega^3 + \omega + 3, \ldots
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Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^{2+2}} + \omega^3 + \omega^2 + \omega$.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{2^2} + 2 + 3 + \omega^3 + \omega^2 + \omega$.

... Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{2^2} + 2 + 3 + \omega^3 + \omega^2$.

"$\omega^{2^2+2^3} + 1, \omega^{2^2+2^3} + 2, \omega^{2^2+2^3} + 3, ... "$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{2^2+2^3} + \omega$.

"$\omega^{2^2+2^3} + \omega, \omega^{2^2+2^3} + 1, \omega^{2^2+2^3} + 2, \omega^{2^2+2^3} + 3, ... "$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{2^2+2^3} + \omega + \omega$.

"$\omega^{2^2+2^3} + \omega + 2, \omega^{2^2+2^3} + \omega + 2, \omega^{2^2+2^3} + \omega + 2, \omega^{2^2+2^3} + \omega + 3, ... "$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{2^2+2^3} + \omega + 1$.

"$\omega^{2^2+2^3} + \omega + 1, \omega^{2^2+2^3} + \omega + 2, \omega^{2^2+2^3} + \omega + 3, \omega^{2^2+2^3} + \omega + 4, ... "$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{2^2+2^3} + \omega + 2$.

"$\omega^{2^2+2^3} + \omega + 2, \omega^{2^2+2^3} + \omega + 2, \omega^{2^2+2^3} + \omega + 2, \omega^{2^2+2^3} + \omega + 3, \omega^{2^2+2^3} + \omega + 4, ... "$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{2^2+2^3} + \omega + 3$.

"$\omega^{2^2+2^3} + \omega + 3, \omega^{2^2+2^3} + \omega + 3, \omega^{2^2+2^3} + \omega + 3, \omega^{2^2+2^3} + \omega + 4, \omega^{2^2+2^3} + \omega + 5, ... "$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{2^2+2^3} + \omega + 4$.

"$\omega^{2^2+2^3} + \omega + 4, \omega^{2^2+2^3} + \omega + 4, \omega^{2^2+2^3} + \omega + 4, \omega^{2^2+2^3} + \omega + 5, \omega^{2^2+2^3} + \omega + 6, ... "$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{2^2+2^3} + \omega + 5$.

"$\omega^{2^2+2^3} + \omega + 5, \omega^{2^2+2^3} + \omega + 5, \omega^{2^2+2^3} + \omega + 5, \omega^{2^2+2^3} + \omega + 6, \omega^{2^2+2^3} + \omega + 7, ... "$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{2^2+2^3} + \omega + 6$.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2}3 + \omega^2 + \omega2 + \omega3 + 1$, $\omega^{\omega+2}3 + \omega^2 + \omega2 + 1$, $\omega^{\omega+2}3 + \omega^2 + \omega2 + 2$, $\omega^{\omega+2}3 + \omega^2 + \omega2 + 3$, ... ".

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2}3 + \omega^2 + \omega2 + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2}3 + \omega^2 + \omega3$, $\omega^{\omega+2}3 + \omega^2 + \omega3 + 1$, $\omega^{\omega+2}3 + \omega^2 + \omega3 + 2$, $\omega^{\omega+2}3 + \omega^2 + \omega3 + 3$, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2}3 + \omega^2 + \omega3 + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2}3 + \omega^2 + \omega3 + \omega + 1$, $\omega^{\omega+2}3 + \omega^2 + \omega3 + \omega + 2$, $\omega^{\omega+2}3 + \omega^2 + \omega3 + \omega + 3$, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2}3 + \omega^2 + \omega3 + \omega + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2}3 + \omega^2 + \omega3 + \omega + \omega + 1$, $\omega^{\omega+2}3 + \omega^2 + \omega3 + \omega + \omega + 2$, $\omega^{\omega+2}3 + \omega^2 + \omega3 + \omega + \omega + 3$, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2}3 + \omega^2 + \omega3 + \omega + \omega + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2}3 + \omega^2 + \omega3 + \omega + \omega + \omega + 1$, $\omega^{\omega+2}3 + \omega^2 + \omega3 + \omega + \omega + \omega + 2$, $\omega^{\omega+2}3 + \omega^2 + \omega3 + \omega + \omega + \omega + \omega + 3$, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2}3 + \omega^2 + \omega3 + \omega + \omega + \omega + \omega$.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2 + 23} + \omega^3 + \omega^3 + \omega$.

... Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2 + 23} + \omega^3 + \omega^2$.

$^{\omega^2 + 23} + \omega$, $\omega^{\omega^2 + 23} + \omega^3 + \omega^3 + \omega^2 + 1$, $\omega^{\omega^2 + 23} + \omega^3 + \omega^3 + 1$, $\omega^{\omega^2 + 23} + \omega^3 + \omega^2 + 1$, $\omega^{\omega^2 + 23} + \omega^3 + \omega^2 + 1$, $\omega^{\omega^2 + 23} + \omega^3 + \omega^3 + \omega^2 + 2$, $\omega^{\omega^2 + 23} + \omega^3 + \omega^2 + 3$, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2 + 23} + \omega^3 + \omega^2 + \omega$.

$^{\omega^2 + 23} + \omega^3 + \omega^2 + \omega$, $\omega^{\omega^2 + 23} + \omega^3 + \omega^2 + \omega + 1$, $\omega^{\omega^2 + 23} + \omega^3 + \omega^2 + \omega + 2$, $\omega^{\omega^2 + 23} + \omega^3 + \omega^2 + \omega + 3$, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2 + 23} + \omega^3 + \omega^2 + \omega$.

$^{\omega^2 + 23} + \omega^3 + \omega^2 + \omega$, $\omega^{\omega^2 + 23} + \omega^3 + \omega^2 + \omega + 1$, $\omega^{\omega^2 + 23} + \omega^3 + \omega^2 + \omega + 2$, $\omega^{\omega^2 + 23} + \omega^3 + \omega^2 + \omega + 3$, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2 + 23} + \omega^3 + \omega^2 + \omega + 2$.

$^{\omega^2 + 23} + \omega^3 + \omega^2 + \omega + 1$, $\omega^{\omega^2 + 23} + \omega^3 + \omega^2 + \omega + 2$, $\omega^{\omega^2 + 23} + \omega^3 + \omega^2 + \omega + 3$, ...

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2 + 23} + \omega^3 + \omega^2 + \omega + 3$.

$^{\omega^2 + 23} + \omega^3 + \omega^2 + \omega + 1$, $\omega^{\omega^2 + 23} + \omega^3 + \omega^2 + \omega + 2$, $\omega^{\omega^2 + 23} + \omega^3 + \omega^2 + \omega + 3$, ...

... Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2 + 23} + \omega^3 + \omega^2 + \omega + 3$. $^{\omega^2 + 23} + \omega^3 + \omega^2 + \omega + 1$, $\omega^{\omega^2 + 23} + \omega^3 + \omega^2 + \omega + 2$, $\omega^{\omega^2 + 23} + \omega^3 + \omega^2 + \omega + 3$, ...

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Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + 3 + \omega^3 + \omega^23 + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + 3 + \omega^3 + \omega^23 + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + 3 + \omega^3 + \omega^23 + \omega + 1$, $\omega^{\omega+2} + 3 + \omega^3 + \omega^23 + \omega + 2$, $\omega^{\omega+2} + 3 + \omega^3 + \omega^23 + \omega + 3$, ... ”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + 3 + \omega^3 + \omega^23 + \omega + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + 3 + \omega^3 + \omega^23 + \omega + 2$, $\omega^{\omega+2} + 3 + \omega^3 + \omega^23 + \omega + 2 + 1$, $\omega^{\omega+2} + 3 + \omega^3 + \omega^23 + \omega + 2 + 2$, $\omega^{\omega+2} + 3 + \omega^3 + \omega^23 + \omega + 2 + 3$, ... “.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + 3 + \omega^3 + \omega^23 + \omega + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + 3 + \omega^3 + \omega^23 + \omega + 1$, $\omega^{\omega+2} + 3 + \omega^3 + \omega^23 + \omega + 2$, $\omega^{\omega+2} + 3 + \omega^3 + \omega^23 + \omega + 3$, ... ”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + 3 + \omega^3 + \omega^23 + \omega + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + 3 + \omega^3 + \omega^23 + \omega + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + 3 + \omega^3 + \omega^23 + \omega + 1$, $\omega^{\omega+2} + 3 + \omega^3 + \omega^23 + \omega + 2$, $\omega^{\omega+2} + 3 + \omega^3 + \omega^23 + \omega + 3$, ... ”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega+2} + 3 + \omega^3 + \omega^23 + \omega + \omega$.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^2 \omega^2 + 3 + \omega^3 + \omega^2 + \omega + \omega^2 + 2 \), \( \omega^2 \omega^2 + 3 + \omega^3 + \omega^2 + \omega + \omega^2 + 2 \), \( \omega^2 \omega^2 + 3 + \omega^3 + \omega^2 + \omega + \omega^2 + 2 \), \( \omega^2 \omega^2 + 3 + \omega^3 + \omega^2 + \omega + \omega^2 + 2 \), ... 

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^2 \omega^2 + 3 + \omega^3 + \omega^2 + \omega + \omega^2 + 2 \), \( \omega^2 \omega^2 + 3 + \omega^3 + \omega^2 + \omega + \omega^2 + 2 \), \( \omega^2 \omega^2 + 3 + \omega^3 + \omega^2 + \omega + \omega^2 + 2 \), \( \omega^2 \omega^2 + 3 + \omega^3 + \omega^2 + \omega + \omega^2 + 2 \), ... 

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^2 \omega^2 + 3 + \omega^3 + \omega^2 + \omega + \omega^2 + 2 \), \( \omega^2 \omega^2 + 3 + \omega^3 + \omega^2 + \omega + \omega^2 + 2 \), \( \omega^2 \omega^2 + 3 + \omega^3 + \omega^2 + \omega + \omega^2 + 2 \), \( \omega^2 \omega^2 + 3 + \omega^3 + \omega^2 + \omega + \omega^2 + 2 \), ... 

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^2 \omega^2 + 3 + \omega^3 + \omega^2 + \omega + \omega^2 + 2 \), \( \omega^2 \omega^2 + 3 + \omega^3 + \omega^2 + \omega + \omega^2 + 2 \), \( \omega^2 \omega^2 + 3 + \omega^3 + \omega^2 + \omega + \omega^2 + 2 \), \( \omega^2 \omega^2 + 3 + \omega^3 + \omega^2 + \omega + \omega^2 + 2 \), ... 

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^2 \omega^2 + 3 + \omega^3 + \omega^2 + \omega + \omega^2 + 2 \), \( \omega^2 \omega^2 + 3 + \omega^3 + \omega^2 + \omega + \omega^2 + 2 \), \( \omega^2 \omega^2 + 3 + \omega^3 + \omega^2 + \omega + \omega^2 + 2 \), \( \omega^2 \omega^2 + 3 + \omega^3 + \omega^2 + \omega + \omega^2 + 2 \), ... 

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^2 \omega^2 + 3 + \omega^3 + \omega^2 + \omega + \omega^2 + 2 \), \( \omega^2 \omega^2 + 3 + \omega^3 + \omega^2 + \omega + \omega^2 + 2 \), \( \omega^2 \omega^2 + 3 + \omega^3 + \omega^2 + \omega + \omega^2 + 2 \), \( \omega^2 \omega^2 + 3 + \omega^3 + \omega^2 + \omega + \omega^2 + 2 \), ... 

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^2 \omega^2 + 3 + \omega^3 + \omega^2 + \omega + \omega^2 + 2 \), \( \omega^2 \omega^2 + 3 + \omega^3 + \omega^2 + \omega + \omega^2 + 2 \), \( \omega^2 \omega^2 + 3 + \omega^3 + \omega^2 + \omega + \omega^2 + 2 \), \( \omega^2 \omega^2 + 3 + \omega^3 + \omega^2 + \omega + \omega^2 + 2 \), ...
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^{2+2}} + \omega^{3+2} + \omega^{3} + \omega^{2}$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^{2+2}2 + \omega^{3}3 + \omega^{2}2}$.

“$\omega^{\omega^{2+2}2 + \omega^{3}3, \omega^{\omega^{2+2}2 + \omega^{3}3} + 1, \omega^{\omega^{2+2}2 + \omega^{3}3} + 2, \omega^{\omega^{2+2}2 + \omega^{3}3} + 3, \ldots$”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^{2+2}3 + \omega^{3}3}$.

“$\omega^{\omega^{2+2}3 + \omega^{3}3 + \omega, \omega^{\omega^{2+2}3 + \omega^{3}3} + \omega + 1, \omega^{\omega^{2+2}3 + \omega^{3}3} + \omega + 2, \omega^{\omega^{2+2}3 + \omega^{3}3} + \omega + 3, \ldots$”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^{2+2}3 + \omega^{3}3 + \omega}$.

“$\omega^{\omega^{2+2}3 + \omega^{3}3 + \omega2, \omega^{\omega^{2+2}3 + \omega^{3}3} + \omega2 + 1, \omega^{\omega^{2+2}3 + \omega^{3}3} + \omega2 + 2, \omega^{\omega^{2+2}3 + \omega^{3}3} + \omega3, \ldots$”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^{2+2}3 + \omega^{3}3} + \omega2 + \omega$. 

“$\omega^{\omega^{2+2}3 + \omega^{3}3 + \omega2 + \omega, \omega^{\omega^{2+2}3 + \omega^{3}3} + \omega2 + \omega + 1, \omega^{\omega^{2+2}3 + \omega^{3}3} + \omega2 + \omega + 2, \omega^{\omega^{2+2}3 + \omega^{3}3} + \omega2 + \omega2 + 3, \ldots$”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^{2+2}3 + \omega^{3}3} + \omega2 + \omega2 + \omega$. 

“$\omega^{\omega^{2+2}3 + \omega^{3}3 + \omega2 + \omega3, \omega^{\omega^{2+2}3 + \omega^{3}3} + \omega2 + \omega3 + 1, \omega^{\omega^{2+2}3 + \omega^{3}3} + \omega2 + \omega3 + 2, \omega^{\omega^{2+2}3 + \omega^{3}3} + \omega2 + \omega3 + 3, \ldots$”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^{2+2}3 + \omega^{3}3} + \omega2 + \omega3 + \omega2 + 1$. 

“$\omega^{\omega^{2+2}3 + \omega^{3}3} + \omega2 + \omega3 + \omega2 + 1, \omega^{\omega^{2+2}3 + \omega^{3}3} + \omega2 + \omega3 + 2, \omega^{\omega^{2+2}3 + \omega^{3}3} + \omega2 + \omega3 + 3, \ldots$”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^{2+2}3 + \omega^{3}3} + \omega2 + \omega$. 

“$\omega^{\omega^{2+2}3 + \omega^{3}3} + \omega2, \omega^{\omega^{2+2}3 + \omega^{3}3} + \omega2 + 1, \omega^{\omega^{2+2}3 + \omega^{3}3} + \omega2 + 2, \omega^{\omega^{2+2}3 + \omega^{3}3} + \omega2 + 3, \ldots$”.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+2^3} + \omega^3 + \omega^2 + \omega$.

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Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+2^3} + \omega^3 + \omega^2 + \omega$.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega \omega^{2+3} + \omega^2 + \omega$.

$\omega \omega^{2+3} + \omega^3, \omega^{2+3} + \omega^3 + 1, \omega^{2+3} + \omega^3 + 2, \omega^{2+3} + \omega^3 + 3, \ldots \ ]$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega \omega^{2+3} + \omega^3 + \omega$.

$\omega \omega^{2+3} + \omega^2 + \omega, \omega^{2+3} + \omega^2 + 1, \omega^{2+3} + \omega^2 + 2, \omega^{2+3} + \omega^2 + 3, \ldots \ ]$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega \omega^{2+3} + \omega^2 + \omega$.

$\omega \omega^{2+3} + \omega^2 + \omega, \omega^{2+3} + \omega^2 + \omega + 1, \omega^{2+3} + \omega^2 + \omega + 2, \omega^{2+3} + \omega^2 + \omega + 3,$

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega \omega^{2+3} + \omega^2 + \omega + \omega$.

$\omega \omega^{2+3} + \omega^2 + \omega, \omega^{2+3} + \omega^2 + \omega + 2, \omega^{2+3} + \omega^2 + \omega + 3, \omega^{2+3} + \omega^2 + \omega + 3,$

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega \omega^{2+3} + \omega^2 + \omega + 3 + \omega$.

$\omega \omega^{2+3} + \omega^2 + \omega, \omega^{2+3} + \omega^2 + \omega + 2, \omega^{2+3} + \omega^2 + \omega + 3, \omega^{2+3} + \omega^2 + \omega + 3,$

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega \omega^{2+3} + \omega^2 + \omega + 3 + \omega$.

$\omega \omega^{2+3} + \omega^2 + \omega, \omega^{2+3} + \omega^2 + \omega + 2, \omega^{2+3} + \omega^2 + \omega + 3, \omega^{2+3} + \omega^2 + \omega + 3,$
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^{2+3}} + \omega^2 + 3 + \omega + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^{2+3}} + \omega^3 + \omega + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^{2+3}} + \omega^2 + 3 + \omega + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^{2+3}} + \omega^3 + \omega + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^{2+3}} + \omega^2 + 3 + \omega + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^{2+3}} + \omega^3 + \omega + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^{2+3}} + \omega^2 + 3 + \omega + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^{2+3}} + \omega^3 + \omega + \omega$. 

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^{2+3}} + \omega^2 + 3 + \omega + \omega$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^{2+3}} + \omega^3 + \omega + \omega$.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega \omega^{2+3} + \omega^3 + \omega^2 + \omega, \omega^{2+3} + \omega^3 + \omega^2 + \omega + 1, \omega^{2+3} + \omega^3 + \omega^2 + \omega + 2, \omega^{2+3} + \omega^3 + \omega^2 + \omega + 3, \ldots \).
Eventually he ran out of natural numbers again. That didn't stop him. He'd just use $\omega^{2+3} + \omega^3 + \omega^2 3 + \omega^2$.

Eventually he ran out of natural numbers again. That didn't stop him. He'd just use $\omega^{2+3} + \omega^2 + \omega^3$.

```
$\omega^{2+3} + \omega^3, \omega^{2+3} + \omega^3 + 1, \omega^{2+3} + \omega^3 2 + 2, \omega^{2+3} + \omega^3 2 + 3, \ldots$ 
```

Eventually he ran out of natural numbers again. That didn't stop him. He'd just use $\omega^{2+3} + \omega^32 + \omega^2$.

```
$\omega^{2+3} + \omega^32 + \omega, \omega^{2+3} + \omega^32 + \omega + 1, \omega^{2+3} + \omega^32 + \omega + 2, \omega^{2+3} + \omega^32 + \omega + 3, \ldots$ 
```

Eventually he ran out of natural numbers again. That didn't stop him. He'd just use $\omega^{2+3} + \omega^32 + \omega + 1$.

```
$\omega^{2+3} + \omega^32 + \omega + 2, \omega^{2+3} + \omega^32 + \omega + 3 + 1, \omega^{2+3} + \omega^32 + \omega + 3 + 2, \omega^{2+3} + \omega^32 + \omega + 3 + 3, \ldots$
```

Eventually he ran out of natural numbers again. That didn't stop him. He'd just use $\omega^{2+3} + \omega^32 + \omega + 3 + \omega$.

```
$\omega^{2+3} + \omega^32 + \omega + 3 + \omega + 1, \omega^{2+3} + \omega^32 + \omega + 3 + 2, \omega^{2+3} + \omega^32 + \omega + 3 + 3, \ldots$
```

Eventually he ran out of natural numbers again. That didn't stop him. He'd just use $\omega^{2+3} + \omega^32 + \omega + 3 + \omega + 1$.

```
$\omega^{2+3} + \omega^32 + \omega + 3 + \omega + 2, \omega^{2+3} + \omega^32 + \omega + 3 + 1, \omega^{2+3} + \omega^32 + \omega + 3 + 2, \omega^{2+3} + \omega^32 + \omega + 3 + 3, \ldots$
```

Eventually he ran out of natural numbers again. That didn't stop him. He'd just use $\omega^{2+3} + \omega^32 + \omega + 3 + \omega + 1$.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+3} + \omega^3 + \omega^2 + \omega$.

$\omega^{\omega^2+3} + \omega^3 + \omega^2 + \omega, \omega^{\omega^2+3} + \omega^3 + \omega^2 + \omega + 1, \omega^{\omega^2+3} + \omega^3 + \omega^2 + \omega + 2, \omega^{\omega^2+3} + \omega^3 + \omega^2 + \omega + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+3} + \omega^3 + \omega^2 + \omega + \omega$.

$\omega^{\omega^2+3} + \omega^3 + \omega^2 + \omega, \omega^{\omega^2+3} + \omega^3 + \omega^2 + \omega + 1, \omega^{\omega^2+3} + \omega^3 + \omega^2 + \omega + 2, \omega^{\omega^2+3} + \omega^3 + \omega^2 + \omega + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+3} + \omega^3 + \omega^2 + \omega + \omega + \omega$.

$\omega^{\omega^2+3} + \omega^3 + \omega^2 + \omega, \omega^{\omega^2+3} + \omega^3 + \omega^2 + \omega + 1, \omega^{\omega^2+3} + \omega^3 + \omega^2 + \omega + 2, \omega^{\omega^2+3} + \omega^3 + \omega^2 + \omega + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+3} + \omega^3 + \omega^2 + \omega + 3 + \omega$.

$\omega^{\omega^2+3} + \omega^3 + \omega^2 + \omega, \omega^{\omega^2+3} + \omega^3 + \omega^2 + \omega + 1, \omega^{\omega^2+3} + \omega^3 + \omega^2 + \omega + 2, \omega^{\omega^2+3} + \omega^3 + \omega^2 + \omega + 3, \ldots$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+3} + \omega^3 + \omega^2 + \omega + 3 + \omega$.

$\omega^{\omega^2+3} + \omega^3 + \omega^2 + \omega, \omega^{\omega^2+3} + \omega^3 + \omega^2 + \omega + 1, \omega^{\omega^2+3} + \omega^3 + \omega^2 + \omega + 2, \omega^{\omega^2+3} + \omega^3 + \omega^2 + \omega + 3, \ldots$.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{2+3} + \omega^3 + \omega^2, \omega^{2+3} + \omega^3 + \omega^2 + 1, \omega^{2+3} + \omega^3 + \omega^2 + 2, \omega^{2+3} + \omega^3 + \omega^2 + 3, \ldots \).
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^{2+3}} + \omega^3 + \omega^2 \omega + \omega^2$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^{2+3}} + \omega^3 + \omega^{2+3} + \omega^2$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^{2+3}} + \omega^3 + \omega^{2+3} + \omega^2$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^{2+3}} + \omega^3 + \omega^{2+3} + \omega^2 + \omega^2$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^{2+3}} + \omega^3 + \omega^{2+3} + \omega^2 + \omega^2$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^{2+3}} + \omega^3 + \omega^{2+3} + \omega^2$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^{2+3}} + \omega^3 + \omega^{2+3} + \omega^2$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^{2+3}} + \omega^3 + \omega^{2+3} + \omega^2$.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega^2+32} + \omega^2 + \omega + \omega. \)
\[\omega^{\omega^2+32} + \omega^2 + \omega^2 + \omega + \omega, \quad \omega^{\omega^2+32} + \omega^2 + \omega^2 + \omega^2 + \omega + 1, \quad \omega^{\omega^2+32} + \omega^2 + \omega^2 + \omega^2 + \omega + 2, \quad \omega^{\omega^2+32} + \omega^2 + \omega^2 + \omega + 3, \quad \ldots. \]

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega^2+32} + \omega^2 + \omega + \omega. \)
\[\omega^{\omega^2+32} + \omega^2 + \omega + \omega^2 + \omega^2 + \omega + 1, \quad \omega^{\omega^2+32} + \omega^2 + \omega^2 + \omega^2 + \omega + 2, \quad \omega^{\omega^2+32} + \omega^2 + \omega^2 + \omega + 3, \quad \ldots. \]

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega^2+32} + \omega^2 + \omega + \omega. \)
\[\omega^{\omega^2+32} + \omega^2 + \omega + \omega^2 + \omega^2 + \omega^2 + \omega^2 + \omega + 1, \quad \omega^{\omega^2+32} + \omega^2 + \omega^2 + \omega^2 + \omega + 2, \quad \omega^{\omega^2+32} + \omega^2 + \omega^2 + \omega + 3, \quad \ldots. \]

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega^2+32} + \omega + \omega^2 + \omega. \)
\[\omega^{\omega^2+32} + \omega + \omega^2 + \omega + \omega, \quad \omega^{\omega^2+32} + \omega + \omega^2 + \omega + \omega^2 + \omega + 1, \quad \omega^{\omega^2+32} + \omega + \omega^2 + \omega + \omega^2 + \omega + 2, \quad \omega^{\omega^2+32} + \omega + \omega^2 + \omega + \omega^2 + \omega + 3, \quad \ldots. \]

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega^2+32} + \omega + \omega^2. \)
\[\omega^{\omega^2+32} + \omega + \omega^2, \quad \omega^{\omega^2+32} + \omega + \omega^2 + \omega + 1, \quad \omega^{\omega^2+32} + \omega + \omega^2 + \omega + 2, \quad \omega^{\omega^2+32} + \omega + \omega^2 + \omega + 3, \quad \ldots. \]
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+3^2} + \omega^3 + \omega^2$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+3^2} + \omega^3$.

$\ldots$

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+3^2} + \omega^3$, $\omega^{\omega^2+3^2} + \omega^3 + 1$, $\omega^{\omega^2+3^2} + \omega^3 + 2$, $\omega^{\omega^2+3^2} + \omega^3 + 3$, $\ldots$ ”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+3^2} + \omega^3 + \omega$.

$\ldots$

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+3^2} + \omega^3 + 1$, $\omega^{\omega^2+3^2} + \omega^3 + 2$, $\omega^{\omega^2+3^2} + \omega^3 + 3$, $\ldots$ ”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+3^2} + \omega^3 + \omega + \omega$.

$\ldots$

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+3^2} + \omega^3 + \omega^2$, $\omega^{\omega^2+3^2} + \omega^3 + \omega^2 + 1$, $\omega^{\omega^2+3^2} + \omega^3 + \omega^2 + 2$, $\omega^{\omega^2+3^2} + \omega^3 + \omega^2 + 3$, $\ldots$ ”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+3^2} + \omega^3 + \omega^2 + \omega + \omega$.

$\ldots$

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+3^2} + \omega^3 + \omega^2 + \omega^2$, $\omega^{\omega^2+3^2} + \omega^3 + \omega^2 + \omega^2 + 1$, $\omega^{\omega^2+3^2} + \omega^3 + \omega^2 + \omega^2 + 2$, $\omega^{\omega^2+3^2} + \omega^3 + \omega^2 + \omega^2 + 3$, $\ldots$ ”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+3^2} + \omega^3 + \omega^2 + \omega^2 + \omega + \omega$.

$\ldots$

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+3^2} + \omega^3 + \omega^2 + \omega^2 + \omega^2$, $\omega^{\omega^2+3^2} + \omega^3 + \omega^2 + \omega^2 + \omega^2 + 1$, $\omega^{\omega^2+3^2} + \omega^3 + \omega^2 + \omega^2 + \omega^2 + 2$, $\omega^{\omega^2+3^2} + \omega^3 + \omega^2 + \omega^2 + \omega^2 + 3$, $\ldots$ ”.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+3^2} + \omega^3 + \omega^2 + \omega^2 + \omega^2 + \omega$.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{2+3} + \omega^3 + \omega^2 + \omega \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{2+3} + \omega^3 + \omega^2 + \omega + 1 \), \( \omega^{2+3} = \omega^3 + \omega^2 + \omega + 2 \), \( \omega^{2+3} = \omega^5 + \omega^3 + \omega^2 + \omega + 3, ... \).
\[ \omega^{2+3} + \omega^{3} + \omega^{2} + \omega, \ \omega^{2+3} + \omega^{3} + \omega^{2} + \omega + 1, \ \omega^{2+3} + \omega^{3} + \omega^{2} + 2, \ \omega^{2+3} + \omega^{3} + \omega^{2} + 3, \ldots \].

Eventually he ran out of natural numbers again. That didn't stop him. He'd just use \( \omega^{2+3} + \omega^{3} + \omega^{2} + \omega \).
\[ \omega^{2+3} + \omega^{3} + \omega^{2} + \omega, \ \omega^{2+3} + \omega^{3} + \omega^{2} + \omega + 1, \ \omega^{2+3} + \omega^{3} + \omega^{2} + 1, \ \omega^{2+3} + \omega^{3} + \omega^{2} + 2, \ \omega^{2+3} + \omega^{3} + \omega^{2} + 3, \ldots \].

Eventually he ran out of natural numbers again. That didn't stop him. He'd just use \( \omega^{2+3} + \omega^{3} + \omega + \omega \).

... 

Eventually he ran out of natural numbers again. That didn't stop him. He'd just use \( \omega^{2+3} + \omega^{3} + \omega^{2} + \omega \).
\[ \omega^{2+3} + \omega^{3} + \omega^{2} + \omega, \ \omega^{2+3} + \omega^{3} + \omega^{2} + \omega + 1, \ \omega^{2+3} + \omega^{3} + \omega^{2} + 1, \ \omega^{2+3} + \omega^{3} + \omega^{2} + 2, \ \omega^{2+3} + \omega^{3} + \omega^{2} + 3, \ldots \].

Eventually he ran out of natural numbers again. That didn't stop him. He'd just use \( \omega^{2+3} + \omega^{3} + \omega^{2} + \omega + \omega \).

... 

Eventually he ran out of natural numbers again. That didn't stop him. He'd just use \( \omega^{2+3} + \omega^{3} + \omega^{2} + \omega + \omega \).
\[ \omega^{2+3} + \omega^{3} + \omega^{2} + \omega, \ \omega^{2+3} + \omega^{3} + \omega^{2} + \omega + 1, \ \omega^{2+3} + \omega^{3} + \omega^{2} + 1, \ \omega^{2+3} + \omega^{3} + \omega^{2} + 2, \ \omega^{2+3} + \omega^{3} + \omega^{2} + 3, \ldots \].

Eventually he ran out of natural numbers again. That didn't stop him. He'd just use \( \omega^{2+3} + \omega^{3} + \omega^{2} + \omega + \omega \).

... 

Eventually he ran out of natural numbers again. That didn't stop him. He'd just use \( \omega^{2+3} + \omega^{3} + \omega^{2} + \omega + \omega \).
\[ \omega^{2+3} + \omega^{3} + \omega^{2} + \omega, \ \omega^{2+3} + \omega^{3} + \omega^{2} + \omega + 1, \ \omega^{2+3} + \omega^{3} + \omega^{2} + 1, \ \omega^{2+3} + \omega^{3} + \omega^{2} + 2, \ \omega^{2+3} + \omega^{3} + \omega^{2} + 3, \ldots \].

Eventually he ran out of natural numbers again. That didn't stop him. He'd just use \( \omega^{2+3} + \omega^{3} + \omega^{2} + \omega + \omega \).

...
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^{\omega+3}+1}+\omega^{\omega^{\omega+3}+1}$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^{\omega+3}+2}+\omega^{\omega^{\omega+3}+2}$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^{\omega+3}+3}+\omega^{\omega^{\omega+3}+3}$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^{\omega^{\omega^{\omega+3}+3}+3}+3}$ and $\omega^{\omega^{\omega^{\omega^{\omega+3}+3}+3}+3}$.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega^2+3} + \omega^3 + \omega^2 + \omega \),

\[ \omega^{\omega^2+3} + \omega^3 + \omega^2 + \omega, \omega^{\omega^2+3} + \omega^3 + \omega^2 + \omega + 1, \omega^{\omega^2+3} + \omega^3 + \omega^2 + \omega + 2, \omega^{\omega^2+3} + \omega^3 + \omega^2 + \omega + 3, \ldots \].

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega^2+3} + \omega^3 + \omega^2 + \omega + \omega \),

\[ \omega^{\omega^2+3} + \omega^3 + \omega^2 + \omega, \omega^{\omega^2+3} + \omega^3 + \omega^2 + \omega + 1, \omega^{\omega^2+3} + \omega^3 + \omega^2 + \omega + 2, \omega^{\omega^2+3} + \omega^3 + \omega^2 + \omega + 3, \ldots \].

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega^2+3} + \omega^3 + \omega^2 + \omega + \omega + \omega \),

\[ \omega^{\omega^2+3} + \omega^3 + \omega^2 + \omega, \omega^{\omega^2+3} + \omega^3 + \omega^2 + \omega + 1, \omega^{\omega^2+3} + \omega^3 + \omega^2 + \omega + 2, \omega^{\omega^2+3} + \omega^3 + \omega^2 + \omega + 3, \ldots \].
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+3} + \omega^3 + \omega^2 + \omega$.

$\omega^{\omega^2+3} + \omega^3 + \omega^2 + 1, \omega^{\omega^2+3} + \omega^2 + \omega + 2, \omega^{\omega^2+3} + \omega^2 + 3 + 2 + 2, \omega^{\omega^2+3} + \omega^2 + 3 + 3 + 3 + 3, ... $.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+3} + \omega^{\omega^2+3} + \omega^2 + \omega$.

$\omega^{\omega^2+3} + \omega^3 + \omega^2 + 1, \omega^{\omega^2+3} + \omega^2 + 2 + 1, \omega^{\omega^2+3} + \omega^2 + 2 + 1, \omega^{\omega^2+3} + \omega^2 + 3 + 1 + 1, \omega^{\omega^2+3} + \omega^2 + 3 + 3 + 3, ... $.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^2+3} + \omega^3 + \omega^2 + \omega$.

$\omega^{\omega^2+3} + \omega^3 + \omega^2 + 1, \omega^{\omega^2+3} + \omega^2 + 2 + 1, \omega^{\omega^2+3} + \omega^2 + 2 + 1, \omega^{\omega^2+3} + \omega^2 + 3 + 1 + 1, \omega^{\omega^2+3} + \omega^2 + 3 + 3 + 3, ... $.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega \omega^2 + 3 + \omega^2 + \omega$. Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega \omega^2 + 3 + \omega^2 + \omega + 1$. Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega \omega^2 + 3 + \omega^2 + \omega + 2$. Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega \omega^2 + 3 + \omega^2 + \omega + 3$. Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega \omega^2 + 3 + \omega^2 + \omega + 3$. Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega \omega^2 + 3 + \omega^2 + \omega^3 + \omega$. Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega \omega^2 + 3 + \omega^2 + \omega^3 + \omega^2 + \omega + 1$. Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega \omega^2 + 3 + \omega^2 + \omega^3 + \omega^2 + \omega + 2$. Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega \omega^2 + 3 + \omega^2 + \omega^3 + \omega^2 + \omega + 3$. Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega \omega^2 + 3 + \omega^2 + \omega^3 + \omega^2 + \omega + 3$. Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega \omega^2 + 3 + \omega^2 + \omega^3 + \omega^2 + \omega + 4$. Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega \omega^2 + 3 + \omega^2 + \omega^3 + \omega^2 + \omega + 4$. Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega \omega^2 + 3 + \omega^2 + \omega^3 + \omega^2 + \omega + 4$. Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega \omega^2 + 3 + \omega^2 + \omega^3 + \omega^2 + \omega + 4$. Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega \omega^2 + 3 + \omega^2 + \omega^3 + \omega^2 + \omega + 4$. Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega \omega^2 + 3 + \omega^2 + \omega^3 + \omega^2 + \omega + 4$. Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega \omega^2 + 3 + \omega^2 + \omega^3 + \omega^2 + \omega + 4$. Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega \omega^2 + 3 + \omega^2 + \omega^3 + \omega^2 + \omega + 4$. Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega \omega^2 + 3 + \omega^2 + \omega^3 + \omega^2 + \omega + 4$. Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega \omega^2 + 3 + \omega^2 + \omega^3 + \omega^2 + \omega + 4$.
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega^{2+3} + 3} + \omega^3 + \omega^2 + 1, \omega^{\omega^{2+3} + 3} + \omega^3 + \omega^2 + 2, \omega^{\omega^{2+3} + 3} + \omega^3 + \omega^2 + 3, \ldots \).”

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega^{2+3} + \omega^3 + \omega^2 + \omega} \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega^{2+3} + \omega^3 + \omega^2 + \omega + 2} \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega^{2+3} + \omega^3 + \omega^2 + \omega + 3} \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega^{2+3} + \omega^3 + \omega^2 + \omega + 3} \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega^{2+3} + \omega^3 + \omega^2 + \omega + 3} \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega^{2+3} + \omega^3 + \omega^2 + \omega + 3} \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega^{2+3} + \omega^3 + \omega^2 + \omega + 3} \).

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use \( \omega^{\omega^{2+3} + \omega^3 + \omega^2 + \omega + 3} \).
Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^{2+3}3 + \omega^3 + \omega^2 + \omega}$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^{2+3}3 + \omega^3 + \omega^2 + \omega}$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^{2+3}3 + \omega^3 + \omega^2 + \omega}$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^{2+3}3 + \omega^3 + \omega^2 + \omega}$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^{2+3}3 + \omega^3 + \omega^2 + \omega}$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^{2+3}3 + \omega^3 + \omega^2 + \omega}$.

Eventually he ran out of natural numbers again. That didn’t stop him. He’d just use $\omega^{\omega^{2+3}3 + \omega^3 + \omega^2 + \omega}$.

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\[\omega^{2+3} + \omega^3 + \omega^2 + \omega + \omega^2 + \omega^2 + \omega + 1, \quad \omega^{2+3} + \omega^3 + \omega^2 + \omega + 2, \quad \omega^{2+3} + \omega^3 + \omega^2 + \omega + 3, \quad \ldots \].

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$\omega^2+3+\omega^2+2+\omega^3+\omega, \omega^2+3+\omega^3+\omega^2+\omega+1, \omega^2+3+\omega^3+\omega^2+1, \omega^2+3+\omega^3+\omega^2+2, \omega^2+3+\omega^3+\omega^2+3, ...$.

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