

Name : \_\_\_\_\_

L1S4

## General Term - Sequence

Write the sequence using the given general term.

1)  $a_n = \frac{4^n}{6n-1}$  for all  $n \geq 1$

2)  $a_n = n^2 - 7$  for all  $n \geq 1$

3)  $a_n = \frac{3}{n}$  for all  $n \geq$

$n^3$  for all  $n \geq 1$

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5)  $a_n = (4)^{n-1} \cdot n!$  for

for all  $n \geq 1$

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7) Find the ninth term

...

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8) Find the fifteenth term of the sequence 1, 4, 9, 16, 25, ...