

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

L1S2

## General Term - Sequence

Write the sequence using the given general term.

1)  $a_n = 3^n \cdot (n!)$  for all  $n \geq 1$

2)  $a_n = -\frac{1}{2} - \frac{5}{3}(n - 1)$  for all  $n \geq 1$

3)  $a_n = 66 - 4^n$  for all  $n \geq 2$

5)  $a_n = 10 \cdot (\sqrt{7})^{n+1}$  for all  $n \geq 1$

7) Find the twenty

8) Find the seventeenth term of the sequence 0, 3, 8, 15, 24, ...

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