

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

L1S1

## General Term - Sequence

Write the sequence using the given general term.

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

2)  $a_n = (2^n + 1.4) \cdot (-1)^n$  for all  $n \geq 1$

3)  $a_n = \frac{7}{3} - \frac{6}{5}(n +$

all  $n \geq 1$

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

all  $n \geq 1$

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8) Find the tenth term of the sequence  $\sqrt{3}, \sqrt{3} + 6, \sqrt{3} + 12, \sqrt{3} + 18, \sqrt{3} + 24, \dots$