Name : _____

General Term

Part A

Write the geometric sequence using the given general term.

1) $a_n = 2 \cdot (-3)^{n-1}$

2) $a_n = -3 \cdot (-4)^{n-1}$

3) $a_n = 8.5 \cdot (\sqrt{3})^n$

5) $a_n = -\dfrac{1}{3} \cdot \left(-\dfrac{1}{2}\right)^n$

Write the general

7) $-6, 12, -24, 48,$

$\dfrac{3}{1024}, \ldots$

9) $1, -0.5, 0.25, -0.125, 0.0625, \ldots$

10) $-18, -90, -450, -2250, -11250, \ldots$