

Name : _____

General Term

L2S2

Part A

Write the geometric sequence using the given general term.

1) $a_n = 7.5 \cdot (-7)^{n-1}$

2) $a_n = -6 \cdot (4)^{n+1}$

3) $a_n = -\frac{1}{8} \cdot \left(-\frac{3}{8}\right)^n$

5) $a_n = 10 \cdot (-11)^n$

Write the general

7) $-4, -\frac{4\sqrt{2}}{3}, -\frac{8}{9},$

9) $-12, -156, -2028, -26364, \dots$

10) $1.3, -10.4, 83.2, -665.6, 5324.8, \dots$

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