

Name : _____

General Term

L2S3

Part A

Write the geometric sequence using the given general term.

1) $a_n = 2.1 \cdot (\sqrt{6})^{n-1}$

2) $a_n = -9 \cdot (8)^{n-1}$

3) $a_n = 9.9 \cdot (9)^{n-1}$

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5) $a_n = -13 \cdot (-4)^{n-1}$

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Write the general

7) 19, 285, 4275, 6

-13.6, -27.2, ...

9) $-\frac{5}{3}, 1, -\frac{3}{5}, \frac{9}{25}, -\frac{27}{125}, \dots$

10) 17, -204, 2448, -29376, 352512, ...