

Name : _____

General Term

L1S1

Part A

Write the geometric sequence using the given general term.

1) $a_n = 2 \cdot (7)^{n+1}$

2) $a_n = -20 \cdot (-2)^{n-1}$

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

5) $a_n = -1 \cdot (-12)^{n-1}$

Write the general

7) $-19, 57, -171, 513, \dots$

$74, 43218, \dots$

9) $-4, -36, -324, -2916, -26244, \dots$

10) $11, -55, 275, -1375, 6875, \dots$

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General TermPart A

Write the geometric sequence using the given general term.

1) $a_n = 2 \cdot (7)^{n+1}$

2) $a_n = -20 \cdot (-2)^{n-1}$

98, 686, 4802, 33614, ...-20, 40, -80, 160, ...

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

-3, -24, --1080, 6480, ...

5) $a_n = -1 \cdot (-12)^{n-1}$

-1, 12, -00, 6000, ...

Write the general

7) $-19, 57, -171, 513, \dots$

$a_n = -19 \cdot (-3)^{n-1}$

7) $74, 43218, \dots$

$a_n = 18 \cdot (7)^{n-1}$

9) $-4, -36, -324, -2916, -26244, \dots$

$a_n = -4 \cdot (9)^{n-1}$

10) $11, -55, 275, -1375, 6875, \dots$

$a_n = 11 \cdot (-5)^{n-1}$

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