

Name : _____

General Term

L1S3

Part A

Write the geometric sequence using the given general term.

1) $a_n = 9 \cdot (-6)^{n-1}$

2) $a_n = 5 \cdot (8)^{n+1}$

3) $a_n = -10 \cdot (7)^n$

5) $a_n = 12 \cdot (4)^{n-1}$

Write the general

7) $-23, 69, -207, 6$

$-248, -496, \dots$

9) $16, -144, 1296, -11664, 104976, \dots$

10) $13, 143, 1573, 17303, 190333, \dots$

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General TermPart A

Write the geometric sequence using the given general term.

1) $a_n = 9 \cdot (-6)^{n-1}$

2) $a_n = 5 \cdot (8)^{n+1}$

9, -54, 324, -1944, ...**320, 2560, 20480, 163840, ...**

3) $a_n = -10 \cdot (7)^n$

PREVIEW**-70, -490, -3430, ...**Gain complete access to the largest
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5) $a_n = 12 \cdot (4)^{n-1}$

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access.**12, 48, 192, ...****48, -5832, ...**

Write the general

7) $-23, 69, -207, 621, ...$

$-248, -496, ...$

$a_n = -23 \cdot (-3)^{n-1}$

$a_n = -31 \cdot (2)^{n-1}$

9) $16, -144, 1296, -11664, 104976, ...$

10) $13, 143, 1573, 17303, 190333, ...$

$a_n = 16 \cdot (-9)^{n-1}$

$a_n = 13 \cdot (11)^{n-1}$