

Name : _____

L1S3

General Term - Sequence

Write the sequence using the given general term.

1) $a_n = 12^{n-1}$ for all $n \geq 1$

2) $a_n = (n^2 + 0.5) \cdot (-1)^{n+1}$ for all $n \geq 1$

3) $a_n = 3^n - 8$ for all $n \geq 1$

4) $a_n = 2(n-1)$ for all $n \geq 1$

5) $a_n = 15 \cdot (-1)^{n+1}$

6) $a_n = 15 \cdot (-1)^{n+1}$ for all $n \geq 1$

7) Find the thirteenth term of the sequence

8) Find the twenty-first term of the sequence 9, 49, 121, 225, 361, ...

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