

Name : _____

L1S5

General Term - Sequence

Write the sequence using the given general term.

1) $a_n = 4^{n+1}$ for all $n \geq 1$

2) $a_n = \frac{2^n}{n!}$ for all $n \geq 1$

3) $a_n = 0.2 - n^2$ for

_____ - 1) for all $n \geq 1$

5) $a_n = 10 - 3^{n-1}$ for

_____ $(\sqrt{2})^n$ for all $n \geq 1$

7) Find the eighteenth term of the sequence _____

...

8) Find the fourteenth term of the sequence $\sin \frac{\pi}{2}, \sin \pi, \sin \frac{3\pi}{2}, \sin 2\pi, \sin \frac{5\pi}{2}, \dots$

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