

Drill Quiz for Sequences

Three sequences are given below. Choose **one** of them, and answer the following questions. You may solve all three of the problems for practice, *but only turn in your answers to one of them.*

1. Create a table with the position number in the first column and the term in the second column.
2. Find a pattern, and use it to find the next three terms of the sequence.
3. Write a formula for the terms in the sequence using subscript notation, with a variable subscript.
4. Determine whether or not your formula is recursive.

Sequences

- a. 2, 6, 18, 54, 162, 486, ...
- b. 13, 18, 23, 28, 33, 38, ...
- c. 1, 3, 6, 10, 15, 21, ...