

Learning Targets

Sequences and Functions

Lesson 1: A Towering Sequence

- I can give an example of a sequence.

Lesson 2: Introducing Geometric Sequences

- I can find missing terms in a geometric sequence.

Lesson 3: Different Types of Sequences

- I can explain what it means for a sequence to be arithmetic or geometric.

Lesson 4: Using Technology to Work with Sequences

- I can use a spreadsheet to create many terms of a sequence.
- I can use technology to graph a sequence.

Lesson 5: Sequences are Functions

- I can define arithmetic and geometric sequences recursively using function notation.

Lesson 6: Representing Sequences

- I can represent a sequence in different ways.

Lesson 7: Representing More Sequences

- I can ask questions to get the information needed to represent a sequence in different ways.

Lesson 8: The n^{th} Term

- I can explain why different equations can represent the same sequence.

Lesson 9: What's the Equation?

- I can represent situations with sequences.

Lesson 10: Situations and Sequence Types

- I can define a sequence using an equation.

Lesson 11: Adding Up

- I can determine the sum of a sequence representing a situation.