

Lesson 4.8T ~ Patterns and Functions

Name _____ Period _____ Date _____

Fill in the missing values. Identify the first term and the operation that must be performed to arrive at the next term.

1. 1, 3, 5, 7, _____, _____

First Term: _____ Operation: _____

Remember
to include
+ or -

2. 10, 9, 8, _____, _____, _____

First Term: _____ Operation: _____

3. 4, 4.5, _____, 5.5, _____, _____

First Term: _____ Operation: _____

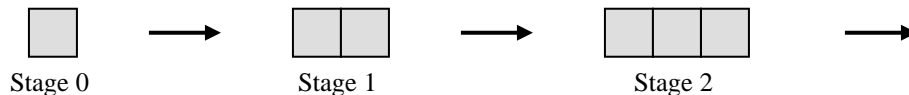
4. 200, _____, 160, 140, _____, _____

First Term: _____ Operation: _____

5. _____, 7, 11, 15, _____, _____

First Term: _____ Operation: _____

6. Squares, each side one unit in length, are fit together (one at a time) to form a long strip of squares.



a. What is the perimeter of Stage 0 using one square?

b. What is the perimeter of Stage 1 using two squares?

c. Draw Stage 3. What is the perimeter of this figure?

d. What is the operation that describes the perimeters from one stage to the next? _____