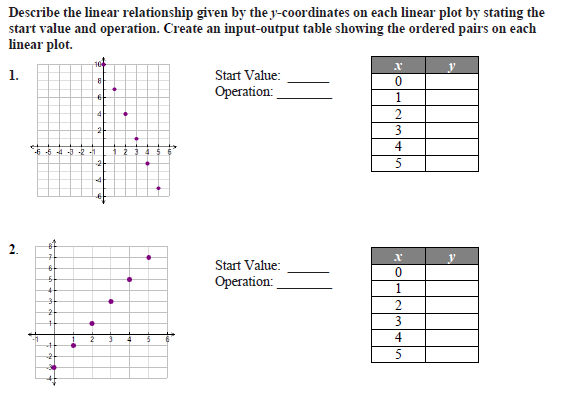
Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Period:\_\_\_\_\_\_\_\_

Find the missing values in each sequence. Identify the start value and the operation that must be performed to arrive at the next term.

1. 14, 17, 20, \_\_\_\_\_, 26, \_\_\_\_\_, \_\_\_\_\_ Start Value: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Operation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. -5, -9, \_\_\_\_\_, \_\_\_\_, \_\_\_\_, 25, \_\_\_\_\_ Start Value: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Operation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

For each sequence below, describe the recursive routine and give the 8th term in the sequence.

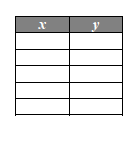
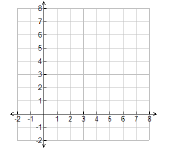
1. 3, 10, 17, 24, … Start Value: \_\_\_\_\_\_\_\_\_\_\_\_ Operation: \_\_\_\_\_\_\_\_\_\_\_\_\_ 8th term: \_\_\_\_\_\_\_\_\_\_\_\_
2. 1, -3, -7, -11, … Start Value: \_\_\_\_\_\_\_\_\_\_\_\_ Operation: \_\_\_\_\_\_\_\_\_\_\_\_\_ 8th term: \_\_\_\_\_\_\_\_\_\_\_\_



Create a scatter plot for the recursive routine given below. Use input values from 0 to 4.

Start Value: 7

Operation: Subtract 2

Create a scatter plot for the recursive routine given below. Use input values from 0 to 4.

Start Value: 1

Operation: Multiply by 2

