Math 1 Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Lesson 2-1 Introduction to Sequences** Date\_\_\_\_\_\_\_\_

Learning Goals:

* *I can determine the pattern in a sequence and find the following terms.*

Write the next three numbers in the following sequences:

1.) 1, 3, 5, 7, 9, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

2.) 2, 4, 6, 8, 10, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

3.) 13, 18, 23, 28, 33, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

4.) 15, 7, -1, -9, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

5.) 0, 1, 4, 9, 16, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

6.) 5, 10, 20, 35, 55, 80, ­\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

7.) 1, 3, 6, 10, 15, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

8.) 2, 4, 8, 16, 32, ­\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

9.) 1, 1, 2, 3, 5, 8, 13, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

10.) 10, 100, 1000, \_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_

11.) 64, 32, 16, 8, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

12.) 600, 300, 150, 75, ­\_\_\_\_\_\_, \_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_

13.) 10, 30, 90, 270, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

14.) 3, -6, 12, -24, 48, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_