

Key

Math 1

Name _____

Date _____

U1 L2 I3 Explicit and Recursive Intro

Write the next three numbers in the following sequences:

1.) 1, 3, 5, 7, 9, 11, 13, 15

2.) 2, 4, 6, 8, 10, 12, 14, 16

3.) 13, 18, 23, 28, 33, 38, 43, 48

4.) 15, 7, -1, -9, -17, -25, -33

5.) 0, 1, 4, 9, 16, 25, 36, 49
1 3 5 7

6.) 5, 10, 20, 35, 55, 80, 110, 145, 185

7.) 1, 3, 6, 10, 15, 21, 28, 36
2 3 4 5

8.) 0, 1, 8, 27, 64, 125, 216, 343
1 7 19 37

9.) 2, 4, 8, 16, 32, 64, 128, 256

10.) 10, 100, 1000, 10,000, 100,000, 1,000,000

11.) 64, 32, 16, 8, 4, 2, 1

12.) 600, 300, 150, 75, 37.5, 18.75, 9.375

13.) 10, 30, 90, 270, 810, 2430, 7290

14.) 3, -6, 12, -24, 48, -96, 192, -384

15.) 1, 1, 2, 3, 5, 8, 13, 21, 34, 55