Mental Math Patterns

1. Make a number sequence by following the rule given.

n	1	2	3	4	5	6	7	8	9	10	11	12
$2n + 3$												

2. Make a number sequence by following the rule given.

n	1	2	3	4	5	6	7	8	9	10	11	12
$100 \times n - 50$												

3. Make a number sequence by following the rule given.

n	1	2	3	4	5	6	7	8	9	10	11	12
$n \times n + 10$												

4. Continue the number sequences through seven more numbers.

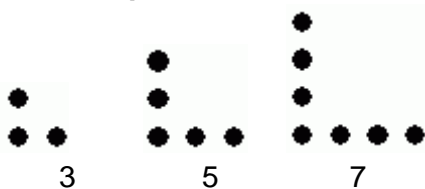   **a.** 1, 2, 4, 8, 16,   **c.** 1,280, 640, 320,
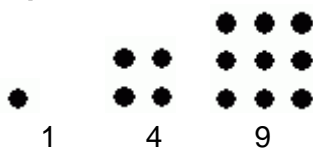
   b. 10,000, 9,700, 9,400,

   d. 0, 10, 6, 16, 12, 22, 18, 28, 24,

5. Continue the patterns. After drawing space ends, continue the number sequence without drawing the pictures. Continue the sequence for 10 more numbers.

"<u>Letter L pattern</u>"

3   5   7

<u>Square numbers</u>

1   4   9

<u>Triangle Numbers</u>

1   3   6