Review Sheet for Math Quiz
Arrays, Factors, Multiples, Kinds of Numbers

1. **Arrays** : What is an array?
    Draw an array and label its dimensions.

Example: Draw an array for the multiplication problem 4x6 and solve.

4 x 6 = 24

4 x 6

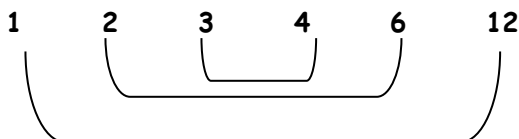*Example:* Draw all the arrays for 14 and label their dimensions.

7

2

2 x 7, 7 x 2

14

1

1 x 14, 14 x 1

2. **Factors**
Finding factors of numbers.

Example: List all the factors for the number 12:   _1, 2, 3, 4, 6, 12_
        Make a factor rainbow for 12.

1   2   3   4   6   12

3. **Kinds of Numbers - prime, composite, and square numbers**
    Know the meaning of each and be able to identify them.

Example: Is the number 21 prime or composite? Explain. <u>21 is a composite number because it has more than two factors. 21 has four factors – 1, 3, 7, and 21.</u>

Example: Why is 16 called a square number? <u>16 is a square number because it can be shown with a square 4x4 array.</u>

4. **Factors and Multiples**
    What is a factor?
    What is a multiple?

Example: What are the first six multiples of 4? <u>4, 8, 12, 16, 20, 24</u>