

Factors and Multiples Review:

1. Find all the factors for the following numbers:

a) 70 b) 25 c) 84 d) 39

2. Draw a factor tree for the following numbers:

a) 54 b) 8 c) 70 d) 90

3. Find the common factors for the following numbers:

a) 36, 24 b) 20, 40 c) 80, 60

Factors - Remember when you are finding the factors of a number, you are looking for all the different numbers you can multiply together to get the big number.

For example: 12

$$1 \times 12$$

$$2 \times 6$$

$$3 \times 4$$

The factors of 12 are: 1, 2, 3, 4, 6 and 12.

1. Find the first 10 multiples of each number.

a) 4 b) 12 c) 8 d) 15

2. Find the first 3 common multiples between the numbers below.

a) 4 and 8 b) 10 and 15 c) 9 and 11

3. Brian and David want to rent the rink to practice their hockey skills.

Brian has every 3rd day off and David has every 5th day off. How many days will it take before Brian and David can rent the rink?

4. At a basketball game, Ashley has been instructed to give every 12th person a poster. Bella was told to give every 15th person a free basketball. How many people go through before they receive both a poster and basketball?

Prime and Composite Numbers:

1. Which numbers are prime?

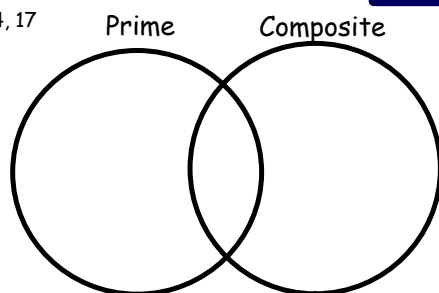
a) 49 b) 12 c) 61 d) 97 e) 52

2. What numbers are composite?

a) 46 b) 78 c) 25 d) 11 f) 63

3. Put the following numbers into the Venn Diagram.

5, 1, 44, 23, 77, 18, 59, 24, 17



Prime Numbers: Are numbers that have only 2 factors: 1 and the number itself. For example: 29
- 29 has only 2 factors, 1 and 29.

Composite Numbers: Are numbers that have more than two factors. For example: 12

- The factors of 12 are 1, 2, 3, 4, and 6.