

Factors: The numbers you multiply together to get another number.
Factors of 6: 1, 2 and 6.

Multiples: The result of multiplying a number by an integer. Multiple
number through 20 is result of being counted by 1 each of the numbers.
(Multiples of 4: 4, 8, 12, 16, ...)

Prime Numbers: Numbers greater than 1 that have only 2 factors, 1 and
itself.

Composite Numbers: Numbers having more than 2 factors.

Examples: Find the factor pairs for 36.

1 and 36, 2 and 18, 3 and 12, 4 and 9, 6 and 6, 9 and 4, 12 and 3, 18 and 2, 36 and 1

Examples: What do you notice about 24's factors and the multiples of
24's factors?

Factors of 24: 1, 2, 3, 4, 6, 8, 12, 24

1, 2, 3, 4, 6, 24

2, 4, 6, 8, 12, 14, 16, 18, 20, 22, 24

3, 6, 9, 12, 15, 18, 21, 24

4, 8, 12, 16, 20, 24

6, 12, 24