Factors   Prime and Composite Numbers

A factor is a number multiplied by another number to give a product. A factor divides into a counting number without a remainder.

A prime number is a number that has exactly two factors, one and the number itself.

A composite number is a number that has more than two different factors.

The number one is neither prime nor composite because it has only one factor.

The fifteen prime numbers between 1 and 50 are: 2, 3, 5, 7, 11, 13, 17, 19, 23, 29, 31, 37, 41, 43, and 47.

# Factors	Prime or Composite
2 – 1, 2	P
3 – 1, 3	P
4 - 1, 2, 4	C
5 – 1, 5	P
6 – 1, 2, 3, 6	C
7 – 1, 7	P
8 – 1, 2, 4, 8	C
9 – 1, 3, 9	C
10 – 1, 2, 5, 10	C
11 – 1, 11	P
12 – 1, 2, 3, 4, 6, 12	C
13 – 1, 13	P
14 – 1, 2, 7, 14	C
15 – 1, 3, 5, 15	C