

## Greatest Common Factor

Factor  $\times$  Factor = Product

Common Factors are shared by two or more numbers.

### List the Factors

Example 1: 12 – 1, 2, 3, 4, 6, 12

21 – 1, 3, 7, 21

**GCF = 3**

Example 2: 16 – 1, 2, 4, 8, 16

24 – 1, 2, 3, 4, 6, 8, 12, 24

40 – 1, 2, 4, 5, 8, 1, 20, 40

**GCF = 8**

### Using Prime Numbers

Example 1

