

## COMMON FACTORS

### What Is a Factor?

$$5 \times 4 = 20 \rightarrow 5 \text{ and } 4 \text{ are } \mathbf{FACTORS}$$

**Factors** are two numbers multiplied together to get a product (an answer to a multiplication problem).

**Example:**



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- Two numbers may have more than ONE common factor.

Factors of 18  $\rightarrow$  **1, 2, 3**, 9, 18

Factors of 12  $\rightarrow$  **1, 2, 3**, 4, 6, 12

The common factors of 18 and 12 are **1, 2, and 3.**

## Finding the greatest common factor of two numbers:

The **greatest common factor** of two numbers is the LARGEST number that two or more numbers have in common.

Factors of 18 → 1, 2, **3**, 9, 18

Factors of 12 → 1, 2, **3**, 4, 6, 12

The



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