COMMON FACTORS

Lesson 1.1

Lesson 1.1 Common Factors
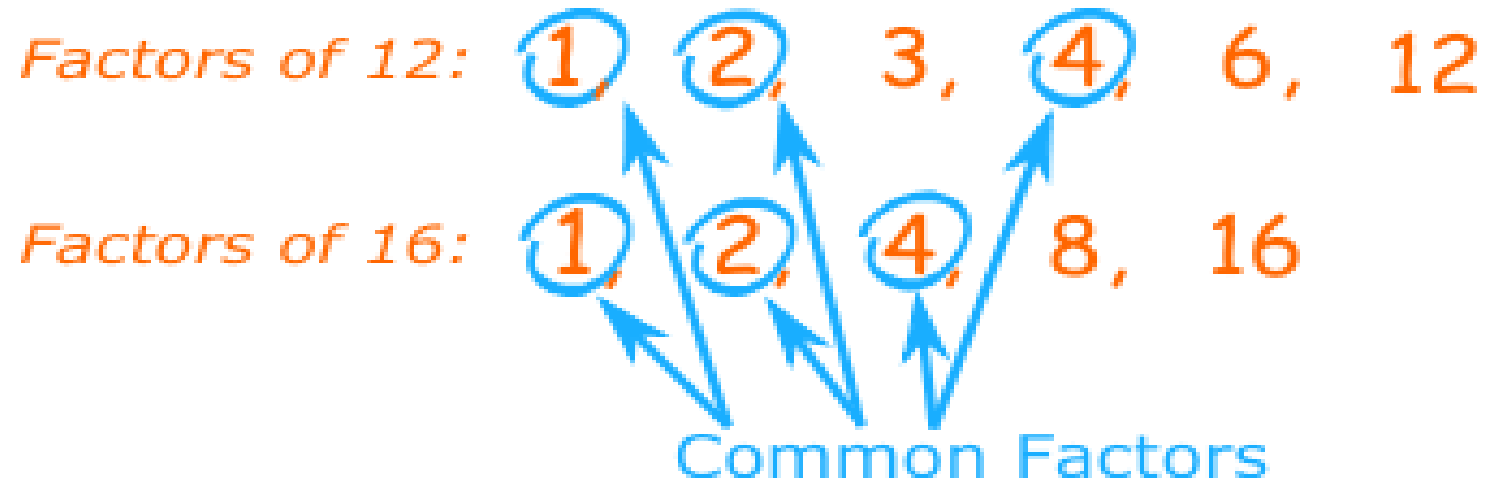
- What are <u>factors</u>?
- Whenever you multiply 2 numbers together you get a <u>product.</u>
- These 2 numbers that you multiply together are called <u>Factors</u>

$$3 \cdot 2 = 6$$

These are the **factors** of **6**.   This is the **product.**

Lesson 1.1 Common Factors

- What does it mean to have things in common
- What are some things that you have in common with your classmates
- What are some things you have in common with me

- When we ask about common factors, we are asking about factors that 2 (or more) numbers have in common.

Factors of 12: ① ② 3, ④ 6, 12

Factors of 16: ① ② ④ 8, 16

Common Factors

MATH ANTICS FACTORING VIDEO

- https://youtu.be/0NvLtTwnUHs

Practice on White Board

- Find ALL the Factors of 20.
- Find ALL the factors of 24.

- Circle all of the factors that the 2 numbers have in common.

More practice

- List all of the factors of 32

- List all of the factors of 48

- Circle all of the factors that the 2 numbers have in common.

Complete these problems in your notebook

- List all of the factors of each number. Circle the common factors in each pair.

- 1. 16, 20

- 2. 45, 25

- 3. 9, 20

- 4. 36, 54