Warm-Up

Sept 29

Using the numbers below and math operation, try to reach the given target!

Numbers: 3, 7, 2, 8, 5

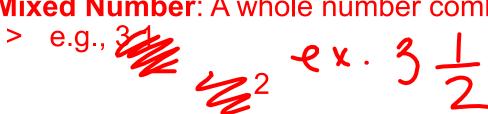
Target: 24

RULES

- You can only use each number once.
- You can use any of the four operations (+, -, ×, ÷).
- They must get exactly 24.

FRACTIONS

- **Fraction**: A number that represents a part of a whole, written in the form a/b where a is the numerator and b is the denominator.
- Mixed Number: A whole number combined with a fraction



- Improper Fraction: A fraction where the numerator is greater than or equal to the denominator, e.g., 7
- Simplifying: Reducing a fraction to its simplest form.
- Greatest Common Factor (GCF): The largest number that divides both the numerator and the denominator.

Simplifying Proper Fractions

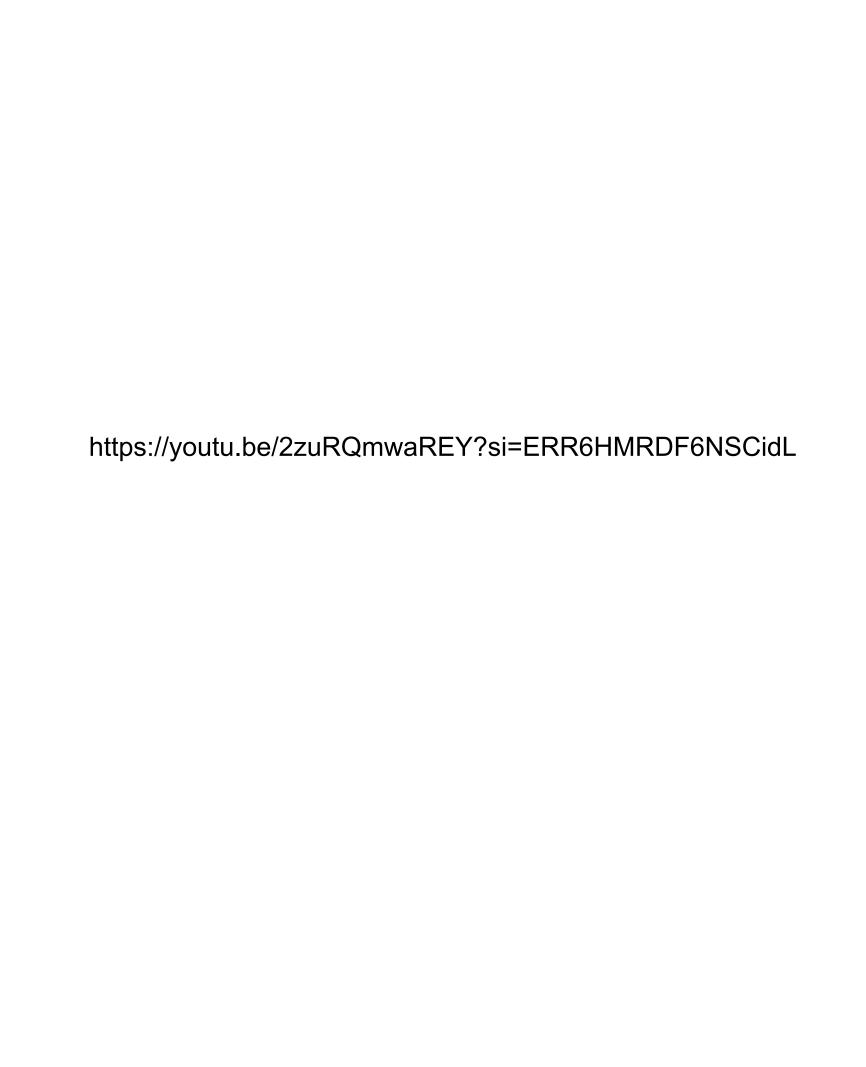
1. Steps to Simplify a Fraction:

- > Find the greatest common factor of the numerator and denominator.
- > Divide both the numerator and denominator by the greatest common factor.

Simplify
$$\frac{12}{16} = \frac{3}{4}$$

Greatest common factor =

Practice Simplify the following fractions:



Homework