NF A.1 *I can simplify fractions by finding the Greatest Common Factor.*

How to Simplify Fractions

One way to reduce fractions is to find the greatest common factor of the numerator and the denominator.

Step 1: List the factors for the numerator **and** the denominator

Step 2: Determine the Greatest Common Factor (GCF)

Step 3: Divide both the numerator and denominator by the GCF.

Step 4: Write down the reduced fraction

How can you tell if a fraction is in simplest form?

*(Questions you can ask yourself)*

1. Is it a unit fraction? *1/2, 1/4, 1/25*

Unit fractions are in simplest form!

2. Are the numerator and denominator consecutive digits? *2/3, 4/5, 24/25*

If so, the fraction is in simplest form

3. Are the numerator and denominator both even?

If so, the fraction is NOT in simplest form.

4. If none of these apply, use the GCF!