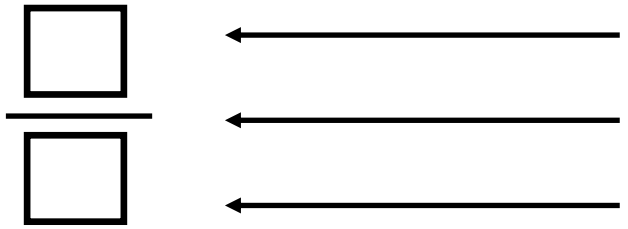
Fraction Review



No Denominator? No Problem!

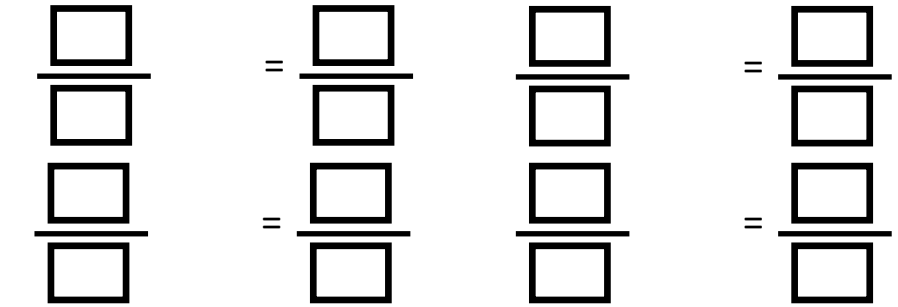
Any number can be made into a fraction by adding a denominator of _____.

Negative Fractions

3 Ways to Show a Fraction is Negative:

Equivalent Fractions

If you multiply or divide the numerator and denominator by the same number, you get an equivalent fraction.



REDUCING

A fraction is fully reduced when the only number that divides evenly into both the numerator and the denominator is 1.

$$\frac{\square}{\square}$$

$$\frac{\square}{\square}$$

ADDING & SUBTRACTING

We can only add and subtract fractions if they are written with the same _____.

1. Rewrite as _____ fractions with the same _____.
2. Add or subtract the _____.
3. The _____ stays the same.
4. Simplify, if possible.

Ex:

$\frac{1}{6}+\frac{4}{6}$ $\frac{4}{5}+2$ $\frac{3x}{2}-\frac{x}{3}$

MULTIPLYING

We can multiply fractions with any _____.

1. Multiply the _____.
2. Multiply the _____.
3. Simplify, if possible.

Ex:

$\frac{1}{3}*\frac{2}{4}$ $\frac{2}{6}*4$ $\frac{2x}{4}*\frac{4x}{4}$

DIVIDING

We can divide fractions by rewriting as a _____ problem.

1. The first fraction _____.
2. Division becomes _____.
3. _____ (Take the _____ of) second fraction.
4. Follow the rules for _____.

Ex:

$\frac{2}{5}\div\frac{4}{5}$ $\frac{6}{5}\div 2$ $\frac{3x^2}{2}\div\frac{x}{4}$