

Fractions

Equivalence



Equivalent Fractions

If you multiply or divide the numerator and denominator by the same number you have an equivalent fraction

“Whatever you do to the top, you do to the bottom”

$$\frac{1}{2} = \frac{2}{4} = \frac{3}{6} = \frac{4}{8} = \frac{5}{10} = \frac{6}{12}$$

Simplifying Fractions

If you can divide the top and bottom by the same number, you can simplify the fraction

$$\frac{2^{(\div 2)}}{6^{(\div 2)}} = \frac{1}{3}$$

$$\frac{3^{(\div 3)}}{12^{(\div 3)}} = \frac{1}{4}$$

$$\frac{12^{(\div 6)}}{18^{(\div 6)}} = \frac{2}{3}$$

$$\frac{15^{(\div 5)}}{25^{(\div 5)}} = \frac{3}{5}$$