

Addition

Subtraction

*Fractions: Need a common denominator
 Only Fractions?? work horizontally
 Mixed #'s?? Do operations with absolute values vertically

*Ask yourself

Like Signs - Add absolute values, attach same sign
 Unlike Signs - Subtract absolute values, use sign of number with greater absolute value

*Rewrite subtraction as its related addition problem
 Keep first number same
 Change subtraction to addition
 Write the opposite of second number

* Use addition rules

Make sure final answer is in simplest form.

Operations with Fractions

Make sure all numbers in fraction form
 *Like signs? Answer POSITIVE
 Unlike signs? Answer NEGATIVE

* Look to "simplify ahead of time"
 * Multiply #'s in numerators
 * Multiply #'s in denominators

* Rewrite division problem as multiplication
 -keep first number
 -multiply by reciprocal

* Use multiplication rules

Multiplication

Division