

Lesson: Fractions

SWBAT: Solve problems involving fractions by understanding how to add and subtract them.

Vocab words:

Numerator –

Denominator –

Adding and Subtracting:

- Before you add or subtract, you must find the _____
 - The 2 fractions must have the same number in the bottom
 - One way to find the common denominator is _____ the 2 denominators together.
 - You can also find the common denominator by listing all the multiples of each number and find the first number they both have in common.
 - If you multiply the denominator by anything, be sure to multiply the numerator by the same thing.
- Then, you will add or subtract the _____ and keep the same _____!
- Finally, simplify your answer
 - You need to reduce the answer by dividing both the numerator and denominator by the same number. Keep doing this until you cannot divide any more

Ex: $\frac{5}{8} + \frac{1}{6} =$

$$\frac{5}{7} + \frac{2}{5} =$$

$$\frac{4}{5} - \frac{4}{9}$$

$$\frac{15}{24} + \frac{4}{24} = \frac{19}{24}$$

Simplify:

- If you can _____ both the numerator and denominator of your answer by the same _____, you have to do it.
- If both numbers are even, you can divide by _____. If they end in a 5 or 0, you can divide by _____. You need to know your multiplication facts to figure out what you can divide both numbers by.

Try a few on your own:

$$\frac{22}{10} = \frac{11}{5}$$

$$\frac{4}{32}$$

$$\frac{15}{70}$$

$$\frac{9}{15}$$

$$\frac{24}{48}$$

$$\frac{21}{49}$$