Fractions

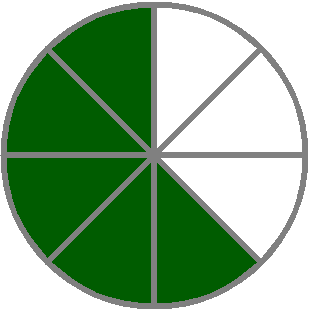
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Simplifying with Fractions

When simplifying with fractions look at both the numerator and denominator and ask if you can divide them. If you can divide them do it to both the numerator and denominator.

*Ex.*

1.

2.

3.

Subtraction with fractions

When subtracting look at the denominators. Try to multiply to make them the same number by finding common denominators. To do this multiply one of the denominators to get the same denominators. Then, multiply the numerator by the number you multiplied the denominator by. Then subtract both fractions but keep the denominators the same unless you have to simplify. *Ex.*

1. – =

Dividing with Fractions

What you would have to do is turn the second fraction upside-down. Now multiply the numerators. Then take the first denominator and use it in the fractions answer. *Ex.*

3.

Addition with Fractions

To add fractions you would have to add the two fractions together which you would have to make a common denominator which is by making the bottom number the same as the other bottom number. You would do this by multiplying them by the same number, and then multiply the numerators by the same number. Then you would add the numerators and keep the denominators the same. *Make into mixed number if needed. Ex.*

*1.*

2.

3.

Multiplication with Fractions

To multiply fractions multiply the numerators. Then multiply the denominators. Place the product of numerators over the denominators, then simplify. *Ex.*

1.

2.

3.

4.

5.

Simplifying with fractions

1. 5.

2. 6.

3. 7.

4.

Subtraction with Fractions

1. 2.

3. 4.

5. 6.

7.

Dividing with Fractions

1. 5.

2. 6.

3. 7.

4.

Multiplication with fractions

1. 2.

3. 4.

5.