**Operations with Fractions**

**Changing Mixed Numbers to Improper Fractions**

1. Multiply the denominator times the whole number
2. Add the numerator
3. Keep the denominator the same



**Adding Fractions**

1. Change any whole or mixed numbers to improper fractions
2. Find common denominators
3. Add the numerators
4. Keep the denominators the same
5. Simplify



**Subtracting Fractions**

1. Change any whole or mixed numbers to improper fractions
2. Find common denominators
3. Subtract the numerators
4. Keep the denominators the same
5. Simplify



**Multiplying Fractions**

1. Change any whole or mixed numbers to improper fractions
2. Multiply the numerators
3. Multiply the denominators
4. Simplify



**Dividing Fractions**

1. Change any whole or mixed numbers to improper fractions
2. Keep the first number the same
3. Change to multiplication
4. Flip the second fraction
5. Multiply the numerators
6. Multiply the denominators
7. Simplify

