Fraction Review

Converting Mixed to Improper Fractions

1. Multiply the whole number part by the fraction's denominator.
2. Add that to the numerator then write the result on top of the denominator.

1. $16\frac{16}{22} =$ _____

2. $2\frac{24}{48} =$ _____

3. $4\frac{13}{39} =$ _____

Converting Improper to Mixed Fractions

1. Divide the numerator by the denominator.
2. Write down the whole number answer then write down any remainder above the denominator.

1. $\frac{18}{5} =$ _____

2. $\frac{52}{4} =$ _____

3. $\frac{28}{14} =$ _____

Adding Fractions

1. Make sure the bottom numbers (the denominators) are the same.
2. Add the top numbers (the numerators). Put the answer over the same denominator.
3. Simplify the fraction if needed.

1. $\frac{3}{22}+\frac{15}{22} =$ _____

2. $\frac{1}{5}+\frac{3}{4} =$ _____

3. $6\frac{1}{2}+20\frac{1}{3} =$ _____

Subtracting Fractions

1. Make sure the bottom numbers (the denominators) are the same.
2. Subtract the top numbers (the numerators). Put the answer over the same denominator.
3. Simplify the fraction if needed.

1. $\frac{5}{9}-\frac{2}{9} =$ _____

2. $33-\frac{2}{5} =$ _____

3. $\frac{3}{4}-\frac{1}{6} =$ _____

Multiplying Fractions

1. Multiply the top numbers (the numerators).
2. Multiply the bottom numbers (the denominators).
3. Simplify the fraction if needed.

1. $\frac{2}{3}\times\frac{5}{8} =$ _____

2. $\frac{5}{8}\times\frac{7}{9} =$ _____

3. $\frac{5}{14}\times\frac{2}{60} =$ _____

Dividing Fractions

1. Multiply the first fraction by that reciprocal of the second fraction.
2. Simplify the fraction if needed.

1. $\frac{3}{4}\div\frac{1}{3} =$ _____

2. $\frac{18}{24}\div\frac{5}{6} =$ _____

3. $\frac{18}{30}\div\frac{2}{3} =$ _____