

**Vocabulary**

<b>Numerator</b>	The _____ number in a _____ – tells you how many parts of the whole are used	Ex)
<b>Denominator</b>	The _____ number in a _____ – represents the total parts	Ex)

**Adding and Subtracting Fractions with Like Denominators****Steps to ADDING fractions with LIKE denominators:**

1. Add \_\_\_\_\_
2. Keep the \_\_\_\_\_
3. Simplify if possible; ( \_\_\_\_\_ the numerator and denominator by the \_\_\_\_\_).

**Let's Try:**

$\frac{7}{12} + \frac{2}{12} =$	$\frac{2}{3} + \frac{2}{3} =$
$2\frac{12}{90} + \frac{7}{90} =$	$\frac{3}{11} + 8\frac{5}{11} =$

**You Try:**

$\frac{2}{14} + \frac{5}{14} =$	$3\frac{8}{24} + \frac{3}{24} =$
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**Steps to SUBTRACTING fractions with LIKE denominators:**

1. Subtract \_\_\_\_\_
2. Keep the \_\_\_\_\_
3. Simplify if possible; (\_\_\_\_\_ the numerator and denominator by the \_\_\_\_\_).

Let's Try:

$\frac{7}{12} - \frac{2}{12} =$	$\frac{2}{3} - \frac{1}{3} =$
$2\frac{12}{90} - \frac{7}{90} =$	$8\frac{5}{11} - \frac{3}{11} =$

You Try:

$\frac{5}{14} - \frac{2}{14} =$	$3\frac{8}{24} - \frac{3}{24} =$
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**Adding and Subtracting Fractions with Different Denominators****Steps to ADDING fractions with UNLIKE denominators:**

1. Find the \_\_\_\_\_
2. Write \_\_\_\_\_ fractions. (multiply both the numerator and denominator by the \_\_\_\_\_ number to keep it equal)
3. Add \_\_\_\_\_
4. Simplify if possible; (\_\_\_\_\_ the numerator and denominator by the \_\_\_\_\_).

Let's Try:

$\frac{3}{4} + \frac{1}{6} =$	$\frac{7}{12} + \frac{7}{9} =$
$2\frac{5}{12} + \frac{2}{3} =$	$8\frac{5}{24} + \frac{5}{12} =$

You Try:

$\frac{2}{7} + \frac{5}{14} =$	$3\frac{8}{2} + \frac{3}{6} =$
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**Steps to SUBTRACTING fractions with UNLIKE denominators:**

1. Find the \_\_\_\_\_
2. Write \_\_\_\_\_ fractions. (multiply both the numerator and denominator by the \_\_\_\_\_ number to keep it equal)
3. Subtract \_\_\_\_\_
4. Simplify if possible; (\_\_\_\_\_ the numerator and denominator by the \_\_\_\_\_).

Let's Try:

$\frac{7}{8} - \frac{15}{16} =$	$\frac{2}{3} - \frac{1}{3} =$
$2\frac{5}{8} - \frac{1}{2} =$	$8\frac{5}{9} - \frac{3}{11} =$

You Try:

$\frac{2}{3} - \frac{1}{6} =$	$3\frac{8}{4} - \frac{3}{10} =$
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