

# Lesson 6.5 Subtracting Fractions with Like Denominators

$$\begin{array}{r} \frac{7}{12} - \frac{5}{12} \\ \uparrow \quad \uparrow \end{array}$$

**Like denominators**  
are the same number.

Subtract the numerators.

$$\frac{7}{12} - \frac{5}{12} = \frac{7-5}{12} = \frac{2}{12}$$

Write the difference over the  
common denominator.

Subtract.

	<b>a</b>	<b>b</b>	<b>c</b>	<b>d</b>	<b>e</b>
<b>1.</b>	$\begin{array}{r} \frac{11}{12} \\ - \frac{3}{12} \\ \hline \end{array}$	$\begin{array}{r} \frac{7}{10} \\ - \frac{3}{10} \\ \hline \end{array}$	$\begin{array}{r} \frac{3}{4} \\ - \frac{1}{4} \\ \hline \end{array}$	$\begin{array}{r} \frac{6}{7} \\ - \frac{5}{7} \\ \hline \end{array}$	$\begin{array}{r} \frac{4}{5} \\ - \frac{3}{5} \\ \hline \end{array}$
<b>2.</b>	$\begin{array}{r} \frac{5}{10} \\ - \frac{3}{10} \\ \hline \end{array}$	$\begin{array}{r} \frac{8}{12} \\ - \frac{7}{12} \\ \hline \end{array}$	$\begin{array}{r} \frac{4}{5} \\ - \frac{2}{5} \\ \hline \end{array}$	$\begin{array}{r} \frac{7}{10} \\ - \frac{4}{10} \\ \hline \end{array}$	$\begin{array}{r} \frac{5}{8} \\ - \frac{1}{8} \\ \hline \end{array}$
<b>3.</b>	$\begin{array}{r} \frac{9}{10} \\ - \frac{3}{10} \\ \hline \end{array}$	$\begin{array}{r} \frac{7}{11} \\ - \frac{5}{11} \\ \hline \end{array}$	$\begin{array}{r} \frac{8}{9} \\ - \frac{1}{9} \\ \hline \end{array}$	$\begin{array}{r} \frac{4}{5} \\ - \frac{2}{5} \\ \hline \end{array}$	$\begin{array}{r} \frac{8}{9} \\ - \frac{6}{9} \\ \hline \end{array}$
<b>4.</b>	$\frac{5}{7} - \frac{3}{7} = \underline{\hspace{2cm}}$	$\frac{7}{12} - \frac{3}{12} = \underline{\hspace{2cm}}$	$\frac{8}{9} - \frac{8}{9} = \underline{\hspace{2cm}}$	$\frac{12}{12} - \frac{8}{12} = \underline{\hspace{2cm}}$	
<b>5.</b>	$\frac{9}{12} - \frac{7}{12} = \underline{\hspace{2cm}}$	$\frac{4}{4} - \frac{3}{4} = \underline{\hspace{2cm}}$	$\frac{9}{10} - \frac{7}{10} = \underline{\hspace{2cm}}$	$\frac{3}{3} - \frac{1}{3} = \underline{\hspace{2cm}}$	
<b>6.</b>	$\frac{5}{8} - \frac{1}{8} = \underline{\hspace{2cm}}$	$\frac{6}{7} - \frac{5}{7} = \underline{\hspace{2cm}}$	$\frac{11}{12} - \frac{8}{12} = \underline{\hspace{2cm}}$	$\frac{7}{10} - \frac{0}{10} = \underline{\hspace{2cm}}$	