

Lesson 5.1 Adding & Subtracting With Like Denominators

Denominators are called **common** when they share the same number.

To add fractions with like denominators, add the numerators and use the common denominator.

$$\frac{1}{5} + \frac{2}{5} = \frac{1+2}{5} = \frac{3}{5}$$

To subtract fractions with like denominators, subtract the numerators and use the common denominator.

$$\frac{7}{10} - \frac{3}{10} = \frac{7-3}{10} = \frac{4}{10} = \frac{2}{5}$$

Add or subtract. Write answers in simplest form.

	a	b	c	d
1.	$\begin{array}{r} \frac{2}{5} \\ + \frac{1}{5} \\ \hline \end{array}$	$\begin{array}{r} \frac{5}{7} \\ - \frac{3}{7} \\ \hline \end{array}$	$\begin{array}{r} \frac{3}{4} \\ - \frac{1}{4} \\ \hline \end{array}$	$\begin{array}{r} \frac{5}{8} \\ + \frac{1}{8} \\ \hline \end{array}$
2.	$\begin{array}{r} \frac{7}{8} \\ - \frac{3}{8} \\ \hline \end{array}$	$\begin{array}{r} \frac{1}{5} \\ + \frac{3}{5} \\ \hline \end{array}$	$\begin{array}{r} \frac{3}{8} \\ + \frac{1}{8} \\ \hline \end{array}$	$\begin{array}{r} \frac{4}{5} \\ - \frac{2}{5} \\ \hline \end{array}$
3.	$\begin{array}{r} \frac{7}{9} \\ - \frac{1}{9} \\ \hline \end{array}$	$\begin{array}{r} \frac{2}{9} \\ + \frac{5}{9} \\ \hline \end{array}$	$\begin{array}{r} \frac{5}{7} \\ + \frac{1}{7} \\ \hline \end{array}$	$\begin{array}{r} \frac{5}{6} \\ - \frac{1}{6} \\ \hline \end{array}$
4.	$\begin{array}{r} \frac{1}{10} \\ + \frac{3}{10} \\ \hline \end{array}$	$\begin{array}{r} \frac{6}{9} \\ - \frac{5}{9} \\ \hline \end{array}$	$\begin{array}{r} \frac{6}{7} \\ - \frac{1}{7} \\ \hline \end{array}$	$\begin{array}{r} \frac{5}{9} \\ + \frac{1}{9} \\ \hline \end{array}$