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Lesson 5.3 Subtracting Fractions with Unlike Denominators

$$\begin{array}{r} \frac{2}{3} \times \frac{7}{7} = \frac{14}{21} \\ -\ \frac{2}{7} \times \frac{3}{3} = -\ \frac{6}{21} \\ \hline \frac{8}{21} \end{array}$$

When subtracting fractions that have different denominators, rename fractions to have a common denominator. Then, subtract fractions, and write the difference in simplest form.

$$\begin{array}{r} \frac{5}{6} \times \frac{1}{1} = \frac{5}{6} \\ -\ \frac{2}{3} \times \frac{2}{2} = -\ \frac{4}{6} \\ \hline \frac{1}{6} \end{array}$$

Subtract. Write answers in simplest form.

	a	b	c	d	e
1.	$\frac{3}{4} - \frac{1}{2}$	$\frac{5}{6} - \frac{1}{3}$	$\frac{9}{10} - \frac{2}{5}$	$\frac{4}{7} - \frac{1}{8}$	$\frac{5}{9} - \frac{1}{3}$
2.	$\frac{2}{5} - \frac{1}{9}$	$\frac{3}{5} - \frac{2}{7}$	$\frac{2}{3} - \frac{3}{8}$	$\frac{5}{6} - \frac{1}{3}$	$\frac{3}{4} - \frac{2}{9}$
3.	$\frac{7}{10} - \frac{3}{6}$	$\frac{8}{9} - \frac{1}{4}$	$\frac{7}{8} - \frac{5}{12}$	$\frac{7}{10} - \frac{1}{4}$	$\frac{4}{5} - \frac{3}{7}$