

# Lesson 5.5 Subtracting Mixed Numbers

$$6\frac{5}{7} \times \frac{3}{3} = 6\frac{15}{21}$$

Rename fractions to have common denominators.

$$\underline{-5\frac{1}{3} \times \frac{7}{7} = -5\frac{7}{21}}$$

Subtract the fractions, then subtract the whole numbers.

$$1\frac{8}{21}$$

Write the difference in simplest form.

Subtract. Write answers in simplest form.

a

b

c

d

e

1.

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

$$\begin{array}{r} 7\frac{7}{8} \\ - 2\frac{3}{4} \\ \hline \end{array}$$

$$\begin{array}{r} 8\frac{9}{10} \\ - 6\frac{2}{5} \\ \hline \end{array}$$

$$\begin{array}{r} 8\frac{3}{4} \\ - 4\frac{3}{8} \\ \hline \end{array}$$

$$\begin{array}{r} 3\frac{1}{3} \\ - 2\frac{2}{9} \\ \hline \end{array}$$

2.

$$\begin{array}{r} 6\frac{5}{8} \\ - 4\frac{3}{7} \\ \hline \end{array}$$

$$\begin{array}{r} 5\frac{1}{2} \\ - 1\frac{1}{6} \\ \hline \end{array}$$

$$\begin{array}{r} 9\frac{7}{8} \\ - 4\frac{2}{5} \\ \hline \end{array}$$

$$\begin{array}{r} 9\frac{5}{9} \\ - 3\frac{1}{3} \\ \hline \end{array}$$

$$\begin{array}{r} 7\frac{7}{10} \\ - 4\frac{4}{7} \\ \hline \end{array}$$

3.

$$\begin{array}{r} 8\frac{8}{12} \\ - 2\frac{3}{4} \\ \hline \end{array}$$

$$\begin{array}{r} 9\frac{3}{10} \\ - 6\frac{1}{8} \\ \hline \end{array}$$

$$\begin{array}{r} 8\frac{4}{6} \\ - 5\frac{2}{8} \\ \hline \end{array}$$

$$\begin{array}{r} 6\frac{6}{7} \\ - 3\frac{3}{5} \\ \hline \end{array}$$

$$\begin{array}{r} 5\frac{5}{6} \\ - 3\frac{1}{12} \\ \hline \end{array}$$