

Lesson 5.4 Adding Mixed Numbers

$$3\frac{5}{8} \times \frac{1}{1} = 3\frac{5}{8}$$

$$+ 2\frac{1}{2} \times \frac{4}{4} = + 2\frac{4}{8}$$

$$5\frac{9}{8} = 6\frac{1}{8}$$

Find the common denominator (8) and rename the fractions.

Add the fractions.

Add the whole numbers. Simplify and rename improper fractions.

Add. Write answers in simplest form.

a

$$\begin{array}{r} 1. \quad 2\frac{1}{2} \\ + 3\frac{2}{5} \\ \hline \end{array}$$

b

$$\begin{array}{r} 1\frac{2}{3} \\ + 6\frac{1}{5} \\ \hline \end{array}$$

c

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

d

$$\begin{array}{r} 5\frac{1}{4} \\ + 2\frac{1}{5} \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 8\frac{1}{6} \\ + 1\frac{4}{7} \\ \hline \end{array}$$

$$\begin{array}{r} 2\frac{5}{6} \\ + 6\frac{3}{5} \\ \hline \end{array}$$

$$\begin{array}{r} 7\frac{3}{8} \\ + 3\frac{1}{3} \\ \hline \end{array}$$

$$\begin{array}{r} 4\frac{2}{9} \\ + 9\frac{1}{2} \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 9\frac{5}{6} \\ + 6\frac{5}{8} \\ \hline \end{array}$$

$$\begin{array}{r} 4\frac{1}{7} \\ + 10\frac{2}{3} \\ \hline \end{array}$$

$$\begin{array}{r} 8\frac{1}{9} \\ + 2\frac{6}{7} \\ \hline \end{array}$$

$$\begin{array}{r} 7\frac{3}{10} \\ + 1\frac{5}{6} \\ \hline \end{array}$$