

Name: _____

Subtracting Mixed Numbers

with Like Denominators, Requires Simplifying and Regrouping

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

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

same

$$3 \cancel{\frac{1}{6}} + \frac{6}{6} = \frac{7}{6}$$

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

$$\begin{array}{r} 3 \frac{7}{6} \\ - 2 \frac{5}{6} \\ \hline 1 \frac{2}{6} \end{array}$$

$$\begin{array}{r} 3 \frac{7}{6} \\ - 2 \frac{5}{6} \\ \hline 1 \frac{2}{6} = 1 \frac{1}{3} \end{array}$$

Subtract the fractions and simplify the answers.

a.
$$\begin{array}{r} 3 \frac{1}{4} \\ - 1 \frac{3}{4} \\ \hline \end{array}$$

b.
$$\begin{array}{r} 2 \frac{2}{5} \\ - 1 \frac{3}{5} \\ \hline \end{array}$$

c.
$$\begin{array}{r} 6 \frac{3}{8} \\ - 2 \frac{7}{8} \\ \hline \end{array}$$



Preview
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g.
$$\begin{array}{r} 9 \frac{3}{7} \\ - 3 \frac{4}{7} \\ \hline \end{array}$$

h.
$$\begin{array}{r} 5 \frac{1}{8} \\ - 2 \frac{5}{8} \\ \hline \end{array}$$

i.
$$\begin{array}{r} 6 \frac{2}{9} \\ - 1 \frac{5}{9} \\ \hline \end{array}$$

j. Ayo long jumped a distance of $11 \frac{1}{6}$ feet on her first attempt.

She jumped $9 \frac{5}{6}$ feet on her second attempt.

How much farther did she travel with her first attempt?

$$\begin{array}{r} 11 \frac{1}{6} \\ - 9 \frac{5}{6} \\ \hline \end{array}$$

ANSWER KEY

Subtracting Mixed Numbers

with Like Denominators, Requires Simplifying and Regrouping

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

$$\begin{array}{r} 4 \frac{1}{6} \\ - 2 \frac{5}{6} \\ \hline \end{array} \begin{array}{l} \text{same} \\ \downarrow \end{array}$$

$$3 \cancel{\frac{1}{6}} + \frac{6}{6} = \frac{7}{6}$$
$$\begin{array}{r} 3 \frac{7}{6} \\ - 2 \frac{5}{6} \\ \hline \end{array}$$

$$\begin{array}{r} 3 \frac{7}{6} \\ - 2 \frac{5}{6} \\ \hline 1 \frac{2}{6} \end{array}$$

$$\begin{array}{r} 3 \frac{7}{6} \\ - 2 \frac{5}{6} \\ \hline 1 \frac{2}{6} = 1 \frac{1}{3} \end{array}$$

Subtract the fractions and simplify the answers.

a. $2 \frac{5}{3} - \frac{1}{4}$

b. $1 \frac{7}{2} - \frac{2}{5}$

c. $5 \frac{11}{6} - \frac{3}{8}$

Preview

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