

Name: _____

Subtracting Mixed Numbers

with Like Denominators, Requires Simplifying and Regrouping

Subtract the fractions and simplify the answers.

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

b.
$$\begin{array}{r} 5\frac{2}{9} \\ - 3\frac{4}{9} \\ \hline \end{array}$$

c.
$$\begin{array}{r} 7\frac{2}{5} \\ - 4\frac{4}{5} \\ \hline \end{array}$$

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

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

f.
$$\begin{array}{r} 8\frac{3}{7} \\ - 3\frac{5}{7} \\ \hline \end{array}$$



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j. Jax found a worm that measured $5\frac{1}{8}$ inches.

$$5\frac{1}{8}$$

He dug up another worm that measured $3\frac{5}{8}$ inches.

$$\begin{array}{r} 5\frac{1}{8} \\ - 3\frac{5}{8} \\ \hline \end{array}$$

How much longer was the first worm?

k. Mae threw a rock a distance of $8\frac{3}{5}$ yards.

$$8\frac{3}{5}$$

She threw the rock a second time a distance of $6\frac{4}{5}$ yards.

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

How much farther did she throw the rock on her first attempt?

ANSWER KEY

Subtracting Mixed Numbers

with Like Denominators, Requires Simplifying and Regrouping

Subtract the fractions and simplify the answers.

a.
$$\begin{array}{r} 8\frac{4}{3} \\ - 2\frac{2}{3} \\ \hline 6\frac{2}{3} \end{array}$$

b.
$$\begin{array}{r} 4\frac{11}{9} \\ - 3\frac{4}{9} \\ \hline 1\frac{7}{9} \end{array}$$

c.
$$\begin{array}{r} 6\frac{7}{5} \\ - 4\frac{4}{5} \\ \hline 2\frac{3}{5} \end{array}$$

d.
$$2\frac{7}{3}$$

e.
$$5\frac{5}{3}$$

f.
$$7\frac{10}{3}$$

Preview

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