

Name: _____

Subtracting Mixed Numbers

with Like Denominators, Requires Simplifying and Regrouping

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

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

same

$$2\cancel{3}\frac{3}{8} + \frac{8}{8} = \frac{11}{8}$$

$$\begin{array}{r} 2\frac{3}{8} \\ - 1\frac{5}{8} \\ \hline \end{array}$$

$$\begin{array}{r} 2\frac{11}{8} \\ - 1\frac{5}{8} \\ \hline 1\frac{6}{8} \end{array}$$

$$\begin{array}{r} 2\frac{11}{8} \\ - 1\frac{5}{8} \\ \hline 1\frac{6}{8} = 1\frac{3}{4} \end{array}$$

Subtract the fractions and simplify the answers.

a.
$$\begin{array}{r} 1\frac{3}{5} \\ - \frac{4}{5} \\ \hline \end{array}$$

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

c.
$$\begin{array}{r} 8\frac{4}{9} \\ - 3\frac{5}{9} \\ \hline \end{array}$$



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

h.
$$\begin{array}{r} 8\frac{4}{7} \\ - 4\frac{6}{7} \\ \hline \end{array}$$

i.
$$\begin{array}{r} 6\frac{2}{9} \\ - 1\frac{8}{9} \\ \hline \end{array}$$

j. Deja rode her bike $3\frac{3}{8}$ miles on Saturday.

She rode $1\frac{7}{8}$ miles on Sunday.

How many more miles did she ride on Saturday?

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

ANSWER KEY

Subtracting Mixed Numbers

with Like Denominators, Requires Simplifying and Regrouping

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

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

same

$$2\cancel{3}\frac{3}{8} + \frac{8}{8} = \frac{11}{8}$$
$$\begin{array}{r} 2\cancel{3}\frac{3}{8} \\ - 1\frac{5}{8} \\ \hline \end{array}$$

$$\begin{array}{r} 2\frac{11}{8} \\ - 1\frac{5}{8} \\ \hline 1\frac{6}{8} \end{array}$$

$$\begin{array}{r} 2\frac{11}{8} \\ - 1\frac{5}{8} \\ \hline 1\frac{6}{8} = 1\frac{3}{4} \end{array}$$

Subtract the fractions and simplify the answers.

a. $0\frac{8}{5}$

b. $2\frac{9}{7}$

c. $7\frac{13}{9}$

Preview

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the printable version of this worksheet.

