

Name: _____

Adding Mixed Numbers

with like Denominator, Requires Simplifying

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

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

same

$$\begin{array}{r} 3 \frac{3}{8} \\ + 2 \frac{1}{8} \\ \hline 5 \frac{4}{8} \end{array}$$

$$\begin{array}{r} 3 \frac{3}{8} \\ + 2 \frac{1}{8} \\ \hline 5 \frac{4}{8} \end{array}$$

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

Add the fractions and simplify the answers.

a. $\begin{array}{r} 5 \frac{2}{6} \\ + 4 \frac{2}{6} \\ \hline \end{array}$

b. $\begin{array}{r} 6 \frac{1}{4} \\ + 1 \frac{1}{4} \\ \hline \end{array}$

c. $\begin{array}{r} 3 \frac{2}{10} \\ + 5 \frac{3}{10} \\ \hline \end{array}$

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

e. $\begin{array}{r} 3 \frac{2}{9} \\ + 1 \frac{1}{9} \\ \hline \end{array}$

k. $\begin{array}{r} 2 \frac{2}{9} \\ + 3 \frac{4}{9} \\ \hline \end{array}$

l. $\begin{array}{r} 1 \frac{3}{12} \\ + 1 \frac{3}{12} \\ \hline \end{array}$

m. $\begin{array}{r} 6 \frac{4}{10} \\ + 2 \frac{2}{10} \\ \hline \end{array}$

n. $\begin{array}{r} 5 \frac{6}{14} \\ + \frac{4}{14} \\ \hline \end{array}$

o. $\begin{array}{r} 1 \frac{2}{12} \\ + 7 \frac{4}{12} \\ \hline \end{array}$

p. Tom's family ate $1 \frac{2}{8}$ apple pies.

Susie's family ate $1 \frac{4}{8}$ cherry pies.

How much pie did both families eat?



Preview

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the printable version of this worksheet.

ANSWER KEY

Adding Mixed Numbers

with like Denominator, Requires Simplifying

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

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

same

$$\begin{array}{r} 3 \frac{3}{8} \\ + 2 \frac{1}{8} \\ \hline 5 \frac{4}{8} \end{array}$$

$$\begin{array}{r} 3 \frac{3}{8} \\ + 2 \frac{1}{8} \\ \hline 5 \frac{4}{8} \end{array}$$

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

Add the fractions and simplify the answers.

a. $5 \frac{2}{6}$
 $+ 4 \frac{2}{6}$

b. $6 \frac{1}{4}$
 $+ 1 \frac{1}{4}$

c. $3 \frac{2}{10}$
 $+ 5 \frac{3}{10}$

d. $3 \frac{2}{8}$
 $+ 6 \frac{4}{8}$

e. $3 \frac{2}{9}$
 $+ 1 \frac{1}{9}$



Preview

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k. $2 \frac{2}{9}$
 $+ 3 \frac{4}{9}$

$$5 \frac{6}{9} = 5 \frac{2}{3}$$

l. $1 \frac{3}{12}$
 $+ 1 \frac{3}{12}$

$$2 \frac{6}{12} = 2 \frac{1}{2}$$

m. $6 \frac{4}{10}$
 $+ 2 \frac{2}{10}$

$$8 \frac{6}{10} = 8 \frac{3}{5}$$

n. $5 \frac{6}{14}$
 $+ \frac{4}{14}$

$$5 \frac{10}{14} = 5 \frac{5}{7}$$

o. $1 \frac{2}{12}$
 $+ 7 \frac{4}{12}$

$$8 \frac{6}{12} = 8 \frac{1}{2}$$

p. Tom's family ate $1 \frac{2}{8}$ apple pies.

Susie's family ate $1 \frac{4}{8}$ cherry pies.

$$2 \frac{6}{8} = 2 \frac{3}{4}$$

How much pie did both families eat?

Both families ate $2 \frac{3}{4}$ of pie.