

Name: \_\_\_\_\_

# Adding Mixed Numbers

with the Like Denominators, 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

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

Add the fractions and simplify the answers.

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

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

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

d.  $3\frac{2}{8}$

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

f.  $2\frac{4}{12}$

g.  $2\frac{4}{12}$

h.  $2\frac{4}{12}$

i.  $2\frac{4}{12}$

j.  $2\frac{4}{12}$

k.  $2\frac{4}{12}$

l.  $2\frac{4}{12}$

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

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

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

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

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

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?



# ANSWER KEY

## Adding Mixed Numbers

with the Like Denominators, Requires Simplifying

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

Add the fractions and simplify the answers.

- a.  $5\frac{2}{6}$       b.  $4\frac{1}{1}$       c.  $2\frac{2}{2}$       d.  $2\frac{2}{2}$       e.  $2\frac{2}{2}$

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



# ~ PREVIEW ~

Please log in or register to download the printable version of this worksheet.

$4\frac{1}{3}$

$$\begin{array}{r}
 2\frac{3}{12} \\
 + \frac{1}{12} \\
 \hline
 2\frac{4}{12} = 2\frac{1}{3}
 \end{array}$$

$$\begin{array}{r}
 5\frac{5}{10} \\
 + \frac{8}{10} \\
 \hline
 6\frac{13}{10} = 6\frac{4}{5}
 \end{array}$$

$$\begin{array}{r}
 1\frac{3}{14} \\
 + \frac{6}{14} \\
 \hline
 1\frac{9}{14} = 1\frac{3}{7}
 \end{array}$$

$$\begin{array}{r}
 4\frac{2}{6} \\
 + \frac{3}{6} \\
 \hline
 4\frac{5}{6} = 4\frac{5}{6}
 \end{array}$$

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

$$\begin{array}{r}
 2\frac{2}{9} \\
 + 3\frac{4}{9} \\
 \hline
 5\frac{6}{9} = 5\frac{2}{3}
 \end{array}$$

$$\begin{array}{r}
 1\frac{3}{12} \\
 + 1\frac{3}{12} \\
 \hline
 2\frac{6}{12} = 2\frac{1}{2}
 \end{array}$$

$$\begin{array}{r}
 6\frac{4}{10} \\
 + 2\frac{2}{10} \\
 \hline
 8\frac{6}{10} = 8\frac{3}{5}
 \end{array}$$

$$\begin{array}{r}
 5\frac{6}{14} \\
 + \frac{4}{14} \\
 \hline
 5\frac{10}{14} = 5\frac{5}{7}
 \end{array}$$

$$\begin{array}{r}
 1\frac{2}{12} \\
 + 7\frac{4}{12} \\
 \hline
 8\frac{6}{12} = 8\frac{1}{2}
 \end{array}$$

- 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?

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