

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

# Adding Fractions

with Unlike Denominators

Step 1: Find equivalent fractions and rewrite the problem so that the denominators are the same.

Step 2: Add the numerators.

Step 3: Use the same denominator.

example:

$$\begin{array}{r} \frac{2}{3} = \frac{4}{6} \\ + \frac{1}{2} = \frac{3}{6} \\ \hline \frac{7}{6} \text{ or } 1\frac{1}{6} \end{array}$$

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

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

c. 
$$\begin{array}{r} \frac{1}{2} \\ + \frac{1}{4} \\ \hline \end{array}$$

d.



**~ PREVIEW ~**

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g. 
$$\begin{array}{r} \frac{3}{4} \\ + \frac{1}{8} \\ \hline \end{array}$$

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

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

j. 
$$\begin{array}{r} \frac{4}{5} \\ + \frac{1}{2} \\ \hline \end{array}$$

k. 
$$\begin{array}{r} \frac{1}{6} \\ + \frac{1}{2} \\ \hline \end{array}$$

l. 
$$\begin{array}{r} \frac{3}{5} \\ + \frac{1}{3} \\ \hline \end{array}$$

# Adding Fractions

with Unlike Denominators

## ANSWER KEY

a.  $\frac{7}{12}$

b.  $\frac{8}{15}$

c.  $\frac{3}{4}$

d.  $\frac{16}{8}$  or  $1 \frac{3}{8}$

e.  $\frac{7}{8}$

f.  $\frac{9}{8}$  or  $1 \frac{1}{8}$

g.



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$\frac{5}{12}$

j.  $\frac{13}{10}$  or  $1 \frac{3}{10}$

k.  $\frac{4}{6}$  or  $\frac{2}{3}$

l.  $\frac{14}{15}$