

Name: _____

Adding Fractions

with the Same Denominator, Requires Simplifying

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

same

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

Add the fractions and simplify the answers.

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

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

b. $\frac{4}{8}$

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

c. $\frac{1}{4}$

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

d. $\frac{1}{8}$

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

e. $\frac{1}{9}$

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

f. $\frac{5}{12}$

$$\begin{array}{r} \frac{5}{12} \\ + \frac{3}{12} \\ \hline \end{array}$$

g. $\frac{5}{10}$

$$\begin{array}{r} \frac{5}{10} \\ + \frac{1}{10} \\ \hline \end{array}$$

h. $\frac{1}{8}$

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

i. $\frac{1}{6}$

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

j. $\frac{3}{10}$

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

k. $\frac{1}{12}$

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

l. $\frac{3}{9}$

$$\begin{array}{r} \frac{3}{9} \\ + \frac{3}{9} \\ \hline \end{array}$$

m. $\frac{5}{10}$

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

n. $\frac{2}{6}$

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

o. $\frac{5}{8}$

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

p. $\frac{1}{9}$

$$\begin{array}{r} \frac{1}{9} \\ + \frac{5}{9} \\ \hline \end{array}$$

q. $\frac{3}{12}$

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

r. $\frac{4}{10}$

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

s. $\frac{2}{8}$

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

t. $\frac{6}{12}$

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

ANSWER KEY

Adding Fractions

with the Same Denominator, Requires Simplifying

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

Add the fractions and simplify the answers.

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

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

b. $\frac{4}{8}$
 $+\frac{2}{8}$

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

c. $\frac{1}{4}$
 $+\frac{1}{4}$

 $\frac{2}{4} = \frac{1}{2}$

d. $\frac{1}{8}$
 $+\frac{1}{8}$

 $\frac{2}{8} = \frac{1}{4}$

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

 $\frac{3}{9} = \frac{1}{3}$

f. $\frac{5}{12}$
 $+\frac{3}{12}$

 $\frac{8}{12} = \frac{2}{3}$

g. $\frac{5}{10}$
 $+\frac{1}{10}$

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

h. $\frac{1}{8}$
 $+\frac{3}{8}$

 $\frac{4}{8} = \frac{1}{2}$

i. $\frac{1}{6}$
 $+\frac{1}{6}$

 $\frac{2}{6} = \frac{1}{3}$

j. $\frac{3}{10}$
 $+\frac{2}{10}$

 $\frac{5}{10} = \frac{1}{2}$

k. $\frac{1}{12}$
 $+\frac{2}{12}$

 $\frac{3}{12} = \frac{1}{4}$

l. $\frac{3}{9}$
 $+\frac{3}{9}$

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

m. $\frac{5}{10}$
 $+\frac{3}{10}$

 $\frac{8}{10} = \frac{4}{5}$

n. $\frac{2}{6}$
 $+\frac{1}{6}$

 $\frac{3}{6} = \frac{1}{2}$

o. $\frac{5}{8}$
 $+\frac{1}{8}$

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

p. $\frac{1}{9}$
 $+\frac{5}{9}$

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

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

 $\frac{4}{12} = \frac{1}{3}$

r. $\frac{4}{10}$
 $+\frac{2}{10}$

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

s. $\frac{2}{8}$
 $+\frac{2}{8}$

 $\frac{4}{8} = \frac{1}{2}$

t. $\frac{6}{12}$
 $+\frac{3}{12}$

 $\frac{9}{12} = \frac{3}{4}$