Name: _____

Adding Fractions
with the Same Denominator, Requires Simplifying

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

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

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

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

Add the fractions and simplify the answers.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Adding Fractions
with the Same Denominator, Requires Simplifying

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

Add the fractions and simplify the answers.

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

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

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

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

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

c

f.
$$\begin{array}{r} \frac{5}{12} \\ +\frac{3}{12} \\ \hline \frac{8}{12} = \frac{2}{3} \end{array}$$

g.
$$\begin{array}{r} \frac{5}{10} \\ +\frac{1}{10} \\ \hline \frac{6}{10} = \frac{3}{5} \end{array}$$

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

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

j.
$$\begin{array}{r} \frac{3}{10} \\ +\frac{2}{10} \\ \hline \frac{5}{10} = \frac{1}{2} \end{array}$$

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

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

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

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

o.
$$\begin{array}{r} \frac{5}{8} \\ +\frac{1}{8} \\ \hline \frac{6}{8} = \frac{3}{4} \end{array}$$

p.
$$\begin{array}{r} \frac{1}{9} \\ +\frac{5}{9} \\ \hline \frac{6}{9} = \frac{2}{3} \end{array}$$

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

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

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

t.
$$\begin{array}{r} \frac{6}{12} \\ +\frac{3}{12} \\ \hline \frac{9}{12} = \frac{3}{4} \end{array}$$