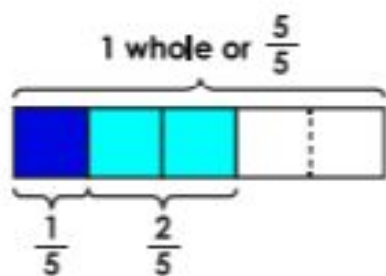


Name: _____

Adding Fractions

with the Same Denominators, No Simplifying

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



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

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

same

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

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

b.
$$\begin{array}{r} \frac{5}{8} \\ + \frac{2}{8} \\ \hline \end{array}$$

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

d.
$$\begin{array}{r} \frac{4}{7} \\ + \frac{2}{7} \\ \hline \end{array}$$

e.
$$\begin{array}{r} \frac{5}{9} \\ + \frac{2}{9} \\ \hline \end{array}$$

f.
$$\begin{array}{r} \frac{4}{12} \\ + \frac{3}{12} \\ \hline \end{array}$$

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

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

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

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

k.
$$\begin{array}{r} \frac{3}{7} \\ + \frac{2}{7} \\ \hline \end{array}$$

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

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

n.
$$\begin{array}{r} \frac{5}{11} \\ + \frac{5}{11} \\ \hline \end{array}$$

o.
$$\begin{array}{r} \frac{1}{10} \\ + \frac{6}{10} \\ \hline \end{array}$$

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

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

r.
$$\begin{array}{r} \frac{4}{11} \\ + \frac{5}{11} \\ \hline \end{array}$$

s.
$$\begin{array}{r} \frac{2}{12} \\ + \frac{3}{12} \\ \hline \end{array}$$

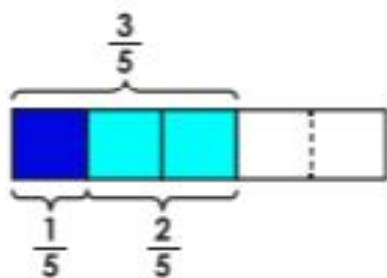
t.
$$\begin{array}{r} \frac{1}{7} \\ + \frac{1}{7} \\ \hline \end{array}$$

Name: _____

Subtracting Fractions

with the Same Denominators, No Simplifying

$$\begin{array}{r} \frac{3}{5} \\ - \frac{2}{5} \\ \hline \frac{1}{5} \end{array}$$



$$\begin{array}{r} \frac{3}{5} \\ - \frac{2}{5} \\ \hline \frac{1}{5} \end{array}$$

$$\begin{array}{r} \frac{3}{5} \\ - \frac{2}{5} \\ \hline \frac{1}{5} \end{array}$$

same

$$\begin{array}{r} \frac{3}{5} \\ - \frac{2}{5} \\ \hline \frac{1}{5} \end{array}$$

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

b.
$$\begin{array}{r} \frac{7}{8} \\ - \frac{2}{8} \\ \hline \end{array}$$

c.
$$\begin{array}{r} \frac{3}{4} \\ - \frac{2}{4} \\ \hline \end{array}$$

d.
$$\begin{array}{r} \frac{6}{7} \\ - \frac{4}{7} \\ \hline \end{array}$$

e.
$$\begin{array}{r} \frac{7}{9} \\ - \frac{5}{9} \\ \hline \end{array}$$

f.
$$\begin{array}{r} \frac{8}{12} \\ - \frac{3}{12} \\ \hline \end{array}$$

g.
$$\begin{array}{r} \frac{4}{9} \\ - \frac{2}{9} \\ \hline \end{array}$$

h.
$$\begin{array}{r} \frac{5}{8} \\ - \frac{4}{8} \\ \hline \end{array}$$

i.
$$\begin{array}{r} \frac{4}{5} \\ - \frac{1}{5} \\ \hline \end{array}$$

j.
$$\begin{array}{r} \frac{9}{10} \\ - \frac{2}{10} \\ \hline \end{array}$$

k.
$$\begin{array}{r} \frac{5}{7} \\ - \frac{3}{7} \\ \hline \end{array}$$

l.
$$\begin{array}{r} \frac{2}{3} \\ - \frac{1}{3} \\ \hline \end{array}$$

m.
$$\begin{array}{r} \frac{5}{9} \\ - \frac{4}{9} \\ \hline \end{array}$$

n.
$$\begin{array}{r} \frac{10}{11} \\ - \frac{5}{11} \\ \hline \end{array}$$

o.
$$\begin{array}{r} \frac{7}{10} \\ - \frac{6}{10} \\ \hline \end{array}$$

p.
$$\begin{array}{r} \frac{7}{9} \\ - \frac{3}{9} \\ \hline \end{array}$$

q.
$$\begin{array}{r} \frac{5}{8} \\ - \frac{2}{8} \\ \hline \end{array}$$

r.
$$\begin{array}{r} \frac{9}{11} \\ - \frac{5}{11} \\ \hline \end{array}$$

s.
$$\begin{array}{r} \frac{11}{12} \\ - \frac{4}{12} \\ \hline \end{array}$$

t.
$$\begin{array}{r} \frac{3}{7} \\ - \frac{1}{7} \\ \hline \end{array}$$

Name: _____

Simplifying Fractions

To simplify a fraction, divide the numerator and the denominator by the greatest common factor.

example: Simplify the fraction $\frac{18}{27}$

The greatest common factor of 18 and 27 is 9.

Divide the numerator and the denominator by 9.

$$\frac{18}{27} \div \frac{9}{9} = \frac{2}{3}$$



Simplify each fraction.

a. $\frac{4}{20} =$

b. $\frac{5}{10} =$

c. $\frac{14}{21} =$

d. $\frac{9}{15} =$

e. $\frac{16}{24} =$

f. $\frac{18}{48} =$

g. $\frac{16}{44} =$

h. $\frac{9}{21} =$

i. $\frac{25}{30} =$

j. $\frac{8}{22} =$

k. $\frac{12}{30} =$

l. $\frac{5}{20} =$

- q. There are 36 students in Frank's class. 27 of them are buying lunch today. Write and simplify the fraction of students that are buying lunch.

Name: _____

Simplifying Fractions



Simplify each fraction.

a. $\frac{2}{8} =$

b. $\frac{4}{10} =$

c. $\frac{3}{6} =$

d. $\frac{4}{12} =$

e. $\frac{7}{14} =$

f. $\frac{2}{20} =$

g. $\frac{3}{9} =$

h. $\frac{6}{9} =$

i. $\frac{8}{10} =$

j. $\frac{5}{15} =$

k. $\frac{8}{72} =$

l. $\frac{5}{20} =$

m. $\frac{4}{6} =$

n. $\frac{21}{28} =$

o. $\frac{4}{18} =$

p. $\frac{33}{55} =$

q. What is $\frac{3}{18}$ written in simplest form? Explain how you found your answer.
