

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

Date: \_\_\_\_\_

**Learning Goal 2.1**

I can add and subtract fractions.

Improper

versus

Mixed

**Example** Convert the following improper fractions to mixed fractions.

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

b.  $\frac{67}{10} =$

c.  $\frac{55}{9} =$

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

e.  $\frac{22}{6} =$

f.  $\frac{27}{11} =$

g.  $\frac{27}{5} =$

h.  $\frac{47}{12} =$

i.  $\frac{21}{8} =$

j.  $\frac{72}{10} =$

k.  $\frac{13}{6} =$

l.  $\frac{15}{2} =$

m.  $\frac{41}{7} =$

n.  $\frac{17}{5} =$

o.  $\frac{11}{3} =$

**Example** Convert the following mixed fractions to improper fractions.

a.  $9\frac{2}{3} =$

b.  $2\frac{5}{9} =$

c.  $3\frac{1}{5} =$

d.  $9\frac{3}{5} =$

e.  $4\frac{7}{8} =$

f.  $9\frac{5}{12} =$

g.  $2\frac{4}{7} =$

h.  $9\frac{6}{11} =$

i.  $6\frac{2}{7} =$

j.  $9\frac{1}{4} =$

k.  $8\frac{3}{4} =$

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

m.  $6\frac{7}{8} =$

n.  $2\frac{2}{3} =$

o.  $5\frac{5}{6} =$

**Example** Reduce the following fractions to lowest terms.

a.  $\frac{10}{25} =$

b.  $\frac{20}{24} =$

c.  $\frac{24}{36} =$

d.  $\frac{9}{33} =$

e.  $\frac{45}{99} =$

f.  $\frac{6}{21} =$

g.  $\frac{15}{30} =$

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

i.  $\frac{80}{24} =$

j.  $\frac{12}{8} =$

k.  $\frac{60}{6} =$

l.  $\frac{18}{12} =$

m.  $\frac{10}{6} =$

n.  $\frac{14}{6} =$

o.  $\frac{32}{4} =$