

Lesson 3 Assignment  
Fraction Review

1. Convert each of the following to improper fractions.

a.  $5\frac{4}{9}$

b.  $8\frac{3}{4}$

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

d.  $6\frac{2}{3}$

e.  $9\frac{2}{5}$

f.  $4\frac{2}{3}$

g.  $9\frac{3}{8}$

h.  $2\frac{11}{12}$

i.  $1\frac{9}{16}$

2. Convert each of the following to mixed fractions.

a.  $\frac{7}{5}$

b.  $\frac{35}{20}$

c.  $\frac{19}{8}$

d.  $\frac{35}{12}$

e.  $\frac{31}{10}$

f.  $\frac{29}{5}$

g.  $\frac{75}{16}$

h.  $\frac{19}{4}$

i.  $\frac{23}{11}$

3. Find the unknown in each pair of equivalent fractions.

a.  $\frac{[\ ]}{14} = \frac{3}{7}$

b.  $\frac{4}{[\ ]} = \frac{16}{24}$

c.  $\frac{9}{[\ ]} = \frac{3}{5}$

d.  $\frac{[\ ]}{6} = \frac{21}{18}$

e.  $\frac{9}{7} = \frac{63}{[\ ]}$

f.  $\frac{[\ ]}{18} = \frac{5}{2}$

g.  $\frac{12}{15} = \frac{[\ ]}{45}$

h.  $\frac{5}{8} = \frac{40}{[\ ]}$

i.  $\frac{7}{7} = \frac{42}{[\ ]}$

j.  $\frac{3}{8} = \frac{[\ ]}{48}$

k.  $\frac{[\ ]}{55} = \frac{7}{11}$

l.  $\frac{7}{9} = \frac{[\ ]}{72}$

4. Reduce the following fractions to lowest terms.

a.  $\frac{30}{45}$

b.  $\frac{10}{12}$

c.  $\frac{36}{60}$

d.  $\frac{75}{100}$

e.  $\frac{48}{54}$

f.  $\frac{8}{64}$

g.  $\frac{17}{68}$

h.  $\frac{150}{200}$

i.  $\frac{22}{30}$

**Answers**

1. a)  $\frac{49}{9}$    b)  $\frac{35}{4}$    c)  $\frac{63}{8}$    d)  $\frac{20}{3}$    e)  $\frac{47}{5}$    f)  $\frac{14}{3}$    g)  $\frac{75}{8}$    h)  $\frac{35}{12}$   
i)  $\frac{25}{16}$
2. a)  $1\frac{2}{5}$    b)  $1\frac{3}{4}$    c)  $2\frac{3}{8}$    d)  $2\frac{11}{12}$    e)  $3\frac{1}{10}$    f)  $5\frac{4}{5}$    g)  $4\frac{11}{16}$    h)  $4\frac{3}{4}$   
i)  $2\frac{1}{11}$
3. a) 6   b) 6   c) 15   d) 7   e) 49   f) 45   g) 36   h) 64  
i) 42   j) 18   k) 35   l) 56
4. a)  $\frac{2}{3}$    b)  $\frac{5}{6}$    c)  $\frac{3}{5}$    d)  $\frac{3}{4}$    e)  $\frac{8}{9}$    f)  $\frac{1}{8}$    g)  $\frac{1}{4}$    h)  $\frac{3}{4}$   
i)  $\frac{11}{15}$