Fractions and Proportions
Extra Practice

NAME _____

1. Express in lowest terms:

a) $\frac{4}{16}$ _____

b) $\frac{3}{12}$ _____

c) $\frac{25}{75}$ _____

d) $\frac{15}{21}$ _____

e) $\frac{8}{36}$ _____

f) $\frac{45}{100}$ _____

g) $\frac{20}{50}$ _____

h) $\frac{3}{21}$ _____

i) $\frac{7}{56}$ _____

j) $\frac{27}{36}$ _____

k) $\frac{55}{88}$ _____

l) $\frac{36}{100}$ _____

m) $\frac{21}{42}$ _____

n) $\frac{18}{27}$ _____

2. Indicate whether the pairs of fractions are equivalent (E) or not equivalent (N):

a) $\frac{3}{4}, \frac{6}{8}$ _____

b) $\frac{5}{10}, \frac{3}{5}$ _____

c) $\frac{65}{100}, \frac{13}{20}$ _____

d) $\frac{18}{3}, 6$ _____

e) $4, \frac{12}{6}$ _____

f) $\frac{27}{42}, \frac{6}{9}$ _____

g) $\frac{25}{35}, \frac{10}{15}$ _____

h) $\frac{8}{11}, \frac{64}{121}$ _____

i) $\frac{13}{52}, \frac{2}{8}$ _____

3. Find the value of x:

a) $\frac{x}{10} = \frac{40}{50}$ _____

b) $\frac{x}{42} = \frac{36}{72}$ _____

c) $\frac{56}{64} = \frac{x}{8}$ _____

d) $\frac{36}{81} = \frac{x}{9}$ _____

e) $\frac{x}{2056} = \frac{3}{4}$ _____

f) $\frac{x}{15} = \frac{288}{360}$ _____

g) $\frac{x}{594} = \frac{11}{99}$ _____

h) $\frac{3}{5} = \frac{x}{460}$ _____

i) $\frac{x}{20} = \frac{42}{180}$ _____

j) $\frac{x}{65} = \frac{39}{195}$ _____

k) $\frac{5}{x} = \frac{20}{25}$ _____

l) $\frac{12}{16} = \frac{18}{x}$ _____

m) $\frac{21}{x} = \frac{147}{21}$ _____

n) $\frac{18}{27} = \frac{36}{x}$ _____

o) $\frac{1.3}{x} = \frac{4}{6.2}$ _____

p) $\frac{3}{12} = \frac{15}{x}$ _____

q) $\frac{22}{x} = \frac{60}{90}$ _____

r) $\frac{25}{x} = \frac{40}{200}$ _____

s) $\frac{60}{200} = \frac{144}{x}$ _____

t) $\frac{36}{6} = \frac{156}{x}$ _____

u) $\frac{3}{6} = \frac{x}{2}$ _____

v) $\frac{10}{15} = \frac{x}{3}$ _____

w) $\frac{1}{3} = \frac{x}{36}$ _____

x) $\frac{5}{6} = \frac{10}{x}$ _____

y) $\frac{x}{27} = \frac{1}{3}$ _____

z) $\frac{28}{x} = \frac{14}{15}$ _____