

Name \_\_\_\_\_

Score: \_\_\_\_\_

## Simplifying Fractions

a.  $\frac{4}{16} =$

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

c.  $\frac{6}{12} =$

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

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

f.  $\frac{4}{8} =$

g.  $\frac{5}{35} =$

h.  $\frac{3}{15} =$

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

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

k.  $\frac{2}{4} =$

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

m.  $\frac{9}{81} =$

n.  $\frac{2}{10} =$

o.  $\frac{7}{49} =$

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

q. What is  $\frac{2}{10}$  written in simplest form? Explain how you found your answer.

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## Simplifying Fractions **ANSWERS**

a.  $\frac{4}{16} = \frac{1}{4}$

b.  $\frac{7}{14} = \frac{1}{2}$

c.  $\frac{6}{12} = \frac{1}{2}$

d.  $\frac{2}{6} = \frac{1}{3}$

e.  $\frac{8}{8} = \frac{1}{1}$

f.  $\frac{4}{8} = \frac{1}{2}$

g.  $\frac{5}{35} = \frac{1}{7}$

h.  $\frac{3}{15} = \frac{1}{5}$

i.  $\frac{2}{8} = \frac{1}{4}$

j.  $\frac{5}{10} = \frac{1}{2}$

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

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

m.  $\frac{9}{81} = \frac{1}{9}$

n.  $\frac{2}{10} = \frac{1}{5}$

o.  $\frac{7}{49} = \frac{1}{7}$

p.  $\frac{5}{15} = \frac{1}{3}$

q. What is  $\frac{2}{10}$  written in simplest form? Explain how you found your answer.

The answer is  $\frac{1}{5}$ . To find the simplest form of a fraction, you determine the greatest common factor of the numerator and the denominator. (The GCF is 2). Divide both numbers by the greatest common factor.  $2 \div 2 = 1$   $10 \div 2 = 5$ . So the answer is  $\frac{1}{5}$