STAPLE

Name _____ $Score: \frac{}{5}$

Gillespie
Course 1: Learning Check Ch4a
Proportions

This assignment is a gauge and will not be graded

1) Mrs. Simpson's class has 12 girls and 15 boys. What is the ratio of girls to boys?

a) $\frac{12}{15}; 80.0$

b) $\frac{4}{5}; 80.0$

c) $\frac{4}{5}; 0.8$

d) $\frac{3}{4}; 0.75$

2) A bouquet has 7 roses and 28 other types of flowers. What is the ratio of roses to other flowers?

a) $\frac{7}{28}; 4.0$

b) $\frac{7}{28}; 0.4$

c) $\frac{1}{4}; 0.25$

d) $\frac{1}{4}; 0.3$

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3) Express $\frac{72\ ounces}{6\ steaks}$ as a unit rate.

a) $\frac{72\ oz}{6\ steaks}$

b) $\frac{12\ oz}{1\ steak}$

c) $\frac{9\ oz}{8\ steaks}$

d) $\frac{9\ oz}{1\ steaks}$

4) It takes a worker 70 minutes to pack 120 cartons of books. The worker has 14 minutes of work left. Use a ratio table to determine how many cartons of books the worker can pack in 14 minutes.

cartons of books	12		120		
minutes		14	70		

a) $\frac{24\ books}{14\ minutes}$

b) $\frac{120\ books}{70\ minutes}$

c) $\frac{14\ books}{24\ minutes}$

d) $\frac{12\ books}{14\ minutes}$

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5) On a typical day, flights at a local airport arrive at a rate of 10 flights every 15 minutes. At this rate, how many flights would you expect to arrive in an hour? (Hint…be careful about minutes vs. hours)

$flights$					
$minutes$					

a) $\frac{10\ flights}{60\ minutes}$

b) $\frac{2\ flights}{3\ minutes}$

c) $\frac{40\ flights}{60\ minutes}$

d) $\frac{60\ flights}{1\ hour}$