

Ch 1 Review

Indicate the answer choice that best completes the statement or answers the question.

- ___ 1. What is the least common multiple of 6 and 8?
a. 12 b. 24
c. 32 d. 48
- ___ 2. At a summer camp, there are 40 boys out of 70 campers. What is this ratio written as a fraction in simplest form?
f. $\frac{3}{7}$ g. $\frac{1}{2}$
h. $\frac{4}{7}$ i. $\frac{7}{10}$
- ___ 3. The table shows the animals at a petting zoo. What is the ratio of goats to the total number of animals?

Animals at a Petting Zoo	
Chickens	2
Deer	4
Donkey	3
Goats	6

- a. $\frac{5}{2}$ b. $\frac{9}{6}$
c. $\frac{6}{9}$ d. $\frac{2}{5}$
- What is each rate written as a unit rate?**
- ___ 4. 20 pounds for \$4
f. $\frac{5 \text{ lb}}{\$1}$ g. $\frac{4 \text{ lb}}{\$1}$
h. $\frac{1 \text{ lb}}{\$4}$ i. $\frac{1 \text{ lb}}{\$5}$
- ___ 5. A manatee surfaced for air 2 times in 60 seconds. How many seconds went by before the manatee surfaced the first time if it held its breath for the same rate?
a. 60 s b. 30 s
c. 20 s d. 10 s

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Use the ratio table given to solve.

- ___ 6. Nicholas bought 5 pens for \$3. At this rate, how much will he spend on 10 pens?

Number of Pens	5	10
Money Spent (\$)	3	■

- f. \$10 g. \$6
h. \$5 i. \$3

- ___ 7. Rashida bought 3 tickets to a concert for \$75. At this rate, how much would 5 tickets cost?

Number of Tickets	3		5
Money Spent (\$)	75		■

- a. \$150 b. \$125
c. \$100 d. \$75

- ___ 8. Gina read 120 pages in 4 days. Which reading rate is equivalent?

- f. 75 pages in 3 days g. 60 pages in 2 days
h. 105 pages in 5 days i. 80 pages in 3 days

- ___ 9. Five notebooks cost \$20. At this rate, how much would 4 notebooks cost?

- a. \$16 b. \$20
c. \$25 d. \$30

- ___ 10. According to the key of a particular park map, every 5 inches on the map represents 3 miles of trails in the park. How many inches on the map represents 9 miles on the park trails?

- f. 15 in. g. 9 in.
h. 5 in. i. 3 in.

- ___ 11. One serving of a fruit punch recipe serves 16 people. Which of the following lists the ordered pairs (number of servings, number of people served) for 1, 2, 3, and 4 servings?

- a. (1, 16), (2, 32), (3, 48), (4, 64) b. (16, 1), (32, 2), (48, 3), (64, 4)
c. (1, 16), (2, 32), (3, 48), (4, 60) d. (1, 32), (2, 48), (3, 64), (4, 80)

Name: _____ Class: _____ Date: _____

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Answer Key

1. b
2. h
3. d
4. f
5. b
6. g
7. b
8. g
9. a
10. f
11. a