

Name : \_\_\_\_\_

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

Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

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### Ratios and Rates

Express each ratio as a fraction in the simplest form.

1) 48 cups to 54 cups \_\_\_\_\_

2) 25 blue cars out of 40 cars \_\_\_\_\_

3) 12 quarts to 16 quarts \_\_\_\_\_

4) 12 gallons to 14 gallons \_\_\_\_\_

5) 21 dimes to 28 dimes \_\_\_\_\_

6) 5 pennies to 45 pennies \_\_\_\_\_

7) 7 beetles out of 56 insects \_\_\_\_\_

8) 30 miles out of 36 miles \_\_\_\_\_

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Express each phrase as a rate and unit rate.  
(Round your answer to the nearest hundredth.)

Rate

Unit Rate

9) 6 calculators cost \$180.00

\_\_\_\_\_

\_\_\_\_\_

10) 7 pencils for 16 dollars

\_\_\_\_\_

\_\_\_\_\_

11) 7 batteries cost 17 dollars

\_\_\_\_\_

\_\_\_\_\_

12) 11 inches of snow in 4 hours

\_\_\_\_\_

\_\_\_\_\_

13) 11 chocolate bars cost 12 dollars

\_\_\_\_\_

\_\_\_\_\_

14) 120 miles on 4 gallons of gas

\_\_\_\_\_

\_\_\_\_\_

15) 25 dollars for 8 books

\_\_\_\_\_

\_\_\_\_\_

16) 5 dollars for 4 cans of tuna

\_\_\_\_\_

\_\_\_\_\_