



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

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

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

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

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### Ratios and Rates

Express each ratio as a fraction in the simplest form.

1) 8 dimes to 332 dimes \_\_\_\_\_

2) 6 beetles out of 27 insects \_\_\_\_\_

3) 7 cups to 77 cups \_\_\_\_\_

4) 16 pennies to 22 pennies \_\_\_\_\_

5) 10 gallons to 20 gallons \_\_\_\_\_

6) 7 blue cars out of 35 cars \_\_\_\_\_

7) 30 miles out of 54 miles \_\_\_\_\_

8) 12 quarts to 60 quarts \_\_\_\_\_

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

Rate

Unit Rate

9) 4 calculators cost \$120.00 \_\_\_\_\_

\_\_\_\_\_

10) 8 pencils for 15 dollars \_\_\_\_\_

\_\_\_\_\_

11) 9 chocolate bars cost 21 dollars \_\_\_\_\_

\_\_\_\_\_

12) 5 dollars for 3 cans of tuna \_\_\_\_\_

\_\_\_\_\_

13) 105 miles on 9 gallons of gas \_\_\_\_\_

\_\_\_\_\_

14) 8 inches of snow in 5 hours \_\_\_\_\_

\_\_\_\_\_

15) 23 dollars for 5 books \_\_\_\_\_

\_\_\_\_\_

16) 11 batteries cost 25 dollars \_\_\_\_\_

\_\_\_\_\_

