

Name : _____ Score : _____

Teacher : _____ Date : _____

Ratios and Rates

Express each ratio as a fraction in the simplest form.

- | | |
|---------------------------------------|--------------------------------------|
| 1) 18 beetles out of 20 insects _____ | 2) 21 cups to 30 cups _____ |
| 3) 7 dimes to 14 dimes _____ | 4) 35 gallons to 55 gallons _____ |
| 5) 21 miles out of 27 miles _____ | 6) 24 quarts to 28 quarts _____ |
| 7) 21 pennies to 63 pennies _____ | 8) 56 blue cars out of 77 cars _____ |

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

| | Rate | Unit Rate |
|---------------------------------------|-------|-----------|
| 9) 20 dollars for 9 books | _____ | _____ |
| 10) 8 inches of snow in 7 hours | _____ | _____ |
| 11) 80 miles on 8 gallons of gas | _____ | _____ |
| 12) 6 pencils for 13 dollars | _____ | _____ |
| 13) 5 dollars for 3 cans of tuna | _____ | _____ |
| 14) 15 chocolate bars cost 17 dollars | _____ | _____ |
| 15) 8 batteries cost 20 dollars | _____ | _____ |
| 16) 4 calculators cost \$160.00 | _____ | _____ |



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

Rate

Unit Rate

1) 5 movie tickets cost \$20.00

2) 4 inches of snow in 7 hours

3) mowed 3 yards for \$45.00

4) 9 dollars for 4 cans of tuna

5) 6 calculators cost \$135.00

6) 20 dollars for 7 books

7) 140 miles on 8 gallons of gas

8) 12 batteries cost 25 dollars

9) 14 chocolate bars cost 11 dollars

10) 5 pencils for 9 dollars

