

Name : _____ Score : _____

Teacher : _____ Date : _____

Ratios and Rates

Express each ratio as a fraction in the simplest form.

- | | |
|--------------------------------------|--------------------------------------|
| 1) 6 beetles out of 10 insects _____ | 2) 15 dimes to 20 dimes _____ |
| 3) 12 quarts to 30 quarts _____ | 4) 42 blue cars out of 84 cars _____ |
| 5) 48 gallons to 54 gallons _____ | 6) 49 pennies to 84 pennies _____ |
| 7) 4 cups to 20 cups _____ | 8) 12 miles out of 15 miles _____ |

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

| | Rate | Unit Rate |
|---------------------------------------|-------|-----------|
| 9) 9 pencils for 11 dollars | _____ | _____ |
| 10) 2 inches of snow in 9 hours | _____ | _____ |
| 11) 140 miles on 8 gallons of gas | _____ | _____ |
| 12) 11 batteries cost \$ 16 dollars | _____ | _____ |
| 13) 20 dollars for 6 books | _____ | _____ |
| 14) 15 chocolate bars cost 10 dollars | _____ | _____ |
| 15) 5 dollars for 4 cans of tuna | _____ | _____ |
| 16) 5 calculators cost 155.00 | _____ | _____ |

