

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	_____	_____

