

Name : _____

Score : _____

Teacher : _____

Date : _____

Ratios and Rates

Express each ratio as a fraction in the simplest form.

1) 18 pounds to 22 pounds _____

2) 12 pints to 36 pints _____

3) 16 feet out of 18 feet _____

4) 25 red bikes out of 60 bikes _____

5) 12 pennies to 24 pennies _____

6) 9 snow days out of 30 days _____

7) 12 blue cars out of 48 cars _____

8) 32 quarts to 48 quarts _____

9) 6 gallons to 42 gallons _____

10) 30 beetles out of 35 insects _____

4) A store sells 7 pounds of green beans for \$4.12. You can buy 7 pounds of the same green beans at Sam's Club for \$4.22. Which place is the better buy? _____

5) The bakers at Healthy Bakery can make 290 bagels in 2 hours. How many bagels can they bake in 11 hours? What was that rate per hour? _____

6) Gas mileage is the number of miles you can drive on a gallon of gasoline. A test of a new car results in 535 miles on 21 gallons of gas. How far could you drive on 51 gallons of gas? What is the car's gas mileage? _____

7) A jet travels 548 miles in 4 hours. At this rate, how far could the jet fly in 13 hours? What is the rate of speed of the jet? _____