

Name : _____

Score : _____

PART 2

Teacher : _____

Date : _____

2/19

Ratios and Rates

Express each ratio as a fraction in the simplest form.

1) 15 beetles out of 25 insects _____

2) 8 blue cars out of 22 cars _____

3) 3 miles out of 30 miles _____

4) 54 gallons to 60 gallons _____

5) 16 dimes to 22 dimes _____

6) 30 cups to 40 cups _____

7) 12 pennies to 30 pennies _____

8) 25 quarts to 50 quarts _____

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

Rate

Unit Rate *w/LABEL!*

9) 7 inches of snow in 9 hours

10) 85 miles on 4 gallons of gas

11) 4 calculators cost \$170.00

12) 20 dollars for 6 books

13) 5 dollars for 3 cans of tuna

14) 5 pencils for 9 dollars

15) 7 chocolate bars cost 16 dollars

16) 10 batteries cost 19 dollars



Name: _____ Date: _____

Ratio Problems Worksheet

Solve. If the problem asks for a ratio, give it in simplified form.

1 a. A herd of 52 horses has 12 white and some black horses. What is the ratio of white to black horses?

2 a. A pattern has 5 blue triangles to every 80 yellow triangles. What is the ratio of blue triangles to all triangles?

3 a. Noah drew 22 hearts and 76 circles. What is the ratio of circles to all shapes?

4 a. A pattern has 14 blue triangles to every 18 yellow triangles. What is the ratio of yellow triangles to blue triangles?

5 a. A pattern has 6 blue triangles to every 42 yellow triangles. What is the ratio of yellow triangles to blue triangles?

6 a. A group of preschoolers has 63 boys and 27 girls. What is the ratio of boys to all children?