Name:

Date:

Writing Ratios

Express each ratio as a rate and unite rate.

1) 24 dollars for 6 books.

2) 200 miles on 14 gallons of gas

3) 120 miles on 4 gallons of gas

4) 24 inches of snow in 8 hours

Express each ratio as a fraction in the simplest form.

5) 22 blue cars out of 55 cars

6) 32 pennies to 300 pennies

7) 18 cakes out of 42 cakes

8) 24 beetles out of 86 insects

9) 10 miles out of 40 miles

10) 3 feet out of 30 feet

1) 24 dollars for 6 books.

   4.00 **dollars per book**

2) 200 miles on 14 gallons of gas

   14.29 **miles per gallon**

3) 120 miles on 4 gallons of gas

   30 **miles per gallon**

4) 24 inches of snow in 8 hours

   3 **inches of snow per hour**

5) 22 blue cars out of 55 cars

   $\frac{2}{5}$

6) 32 pennies to 300 pennies

   $\frac{8}{75}$

7) 18 cakes out of 42 cakes

   $\frac{3}{7}$

8) 24 beetles out of 86 insects

   $\frac{12}{43}$

9) 10 miles out of 40 miles

   $\frac{1}{4}$

10) 3 feet out of 30 feet

   $\frac{1}{10}$