Name:

Date:

Writing Ratios

Express each ratio as a rate and unit rate.

1) 30 dollars for 6 batteries

2) 60.5 dollars for 11 chocolate bars

3) 6.3 inches of snow in 9 hours

4) 2.8 inches of snow in 7 hours

5) 217 miles on 7 gallons of gas

6) 234 miles on 9 gallons of gas

7) 13 movie tickets cost $84.5

8) 21 movie tickets cost $195.3

9) 99.2 dollars for 8 books

10) 205 miles on 5 gallons of gas

11) 3.6 inches of snow in 6 hours

12) 55.5 dollars for 15 cans of tuna

Express each ratio as a fraction in the simplest form.

13) 12 pencils out of 60 pencils

14) 20 cakes out of 36 cakes

15) 14 melons out of 21 melons

16) 7 berries out of 35 berries

17) 35pears out of 42 pears

18) 28 girls out of 49 girls

19) 24 students out of 39 students

20) 44 shirts out of 48 shirts

21) 21 pens out of 56 pens

22) 27 miles out of 45 miles

23) 6 apples out of 21 apples

24) 28 chickens out of 36 chickens

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QUIZ ?

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Name:

Date:

Writing Ratios

Answers

Express each ratio as a rate and unit rate.

1) 30 dollars for 6 batteries
5 dollars per batterie

2) 60.5 dollars for 11 chocolate bars
5.5 dollars per chocolate bar

3) 6.3 inches of snow in 9 hours
0.7 inches of snow per hour

4) 2.8 inches of snow in 7 hours
0.4 inches of snow per hour

5) 217 miles on 7 gallons of gas
31 miles per gallon

6) 234 miles on 9 gallons of gas
26 miles per gallon

7) 13 movie tickets cost $84.5
6.5 dollars cost per ticket

8) 21 movie tickets cost $195.3
9.3 dollars cost per ticket

9) 99.2 dollars for 8 books
12.4 dollars per book

10) 205 miles on 5 gallons of gas
41 miles per gallon

11) 3.6 inches of snow in 6 hours
0.6 inches of snow per hour

12) 55.5 dollars for 15 cans of tuna
3.7 dollars per can of tuna

Express each ratio as a fraction in the simplest form.

13) 12 pencils out of 60 pencils
$\frac{1}{5}$

14) 20 cakes out of 36 cakes
$\frac{5}{9}$

15) 14 melons out of 21 melons
$\frac{2}{3}$

16) 7 berries out of 35 berries
$\frac{1}{5}$

17) 35pears out of 42 pears
$\frac{5}{6}$

18) 28 girls out of 49 girls
$\frac{4}{7}$

19) 24 students out of 39 students
$\frac{8}{13}$

20) 44 shirts out of 48 shirts
$\frac{11}{12}$

21) 21 pens out of 56 pens
$\frac{3}{8}$

22) 27 miles out of 45 miles
$\frac{3}{5}$

23) 6 apples out of 21 apples
$\frac{2}{7}$

24) 28 chickens out of 36 chickens
$\frac{7}{9}$

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