Name:

Date:

Ratio and Rates Word Problems

Solve each word problem.

1) Amy drove to her mother's house, which is 204 miles away. If it took her 3 hours, what was her average speed?

2) Four gallons of gasoline cost $\$16.80$. what is the price per galloon?

3) Bob has 16 red cards and 20 green cards. What is the ratio of Bob's red cards to his green cards?

4) Five lemons costs $\$1.90$. What is the cost per lemon?

5) The ratio of boys to girls in a class is $2:3$. If there are 20 boys in the class, how many girls are in the class?

6) $6:7 = 36:42$. True OR False?

7) $4:3$ and $25:45$ are equal ratios. True OR False?

8) 8 plates cost 48 dollars. How much do 20 plates cost?

9) In a small business, 40 of the employees are men and 30 of the employees are women. What is ratio of men to women?

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Name:

Date:

Ratio and Rates Word Problems

Answers

Solve each word problem.

1) Amy drove to her mother's house, which is 204 miles away. If it took her 3 hours, what was her average speed?
68 miles per hour

2) Four gallons of gasoline cost $\$16.80$. what is the price per galloon?
$\$4.20$ per gallon

3) Bob has 16 red cards and 20 green cards. What is the ratio of Bob's red cards to his green cards?
$4:5$

4) Five lemons costs $\$1.90$. What is the cost per lemon?
$\$0.38$

5) The ratio of boys to girls in a class is $2:3$. If there are 20 boys in the class, how many girls are in the class?
30

6) $6:7 = 36:42$. True OR False?
True

7) $4:3$ and $25:45$ are equal ratios. True OR False?
False

8) 8 plates cost 48 dollars. How much do 20 plates cost?
$\$120$

9) In a small business, 40 of the employees are men and 30 of the employees are women. What is ratio of men to women?
$4:3$

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