



## Ratio and Rates Word Problems

Name: \_\_\_\_\_

Date: \_\_\_\_\_



**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?



QUIZ ?

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## 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 gallon?

**\$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**



QUIZ ?

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