

Math Worksheets

**Ratio and Rates Word Problems**



Find the answer for each word problem.

- 1) Mason has 24 red cards and 36 green cards. What is the ratio of Mason 's red cards to his green cards? \_\_\_\_\_
  - 2) In a party, 45 soft drinks are required for every 54 guests. If there are 378 guests, how many soft drinks is required? \_\_\_\_\_
  - 3) In Mason's class, 42 of the students are tall and 24 are short. In Michael's class 84 students are tall and 48 students are short. Which class has a higher ratio of tall to short students? \_\_\_\_\_
  - 4) The price of 5 apples at the Quick Market is \$4.6. The price of 7 of the same apples at Walmart is \$5.95. Which place is the better buy? \_\_\_\_\_
  - 5) The bakers at a Bakery can make 90 bagels in 3 hours. How many bagels can they bake in 24 hours? What is that rate per hour? \_\_\_\_\_
  - 6) You can buy 5 cans of green beans at a supermarket for \$5.75. How much does it cost to buy 45 cans of green beans? \_\_\_\_\_
  - 7) The ratio of boys to girls in a class is 4: 7. If there are 32 boys in the class, how many girls are in that class? \_\_\_\_\_
  - 8) The ratio of red marbles to blue marbles in a bag is 3: 7. If there are 50 marbles in the bag, how many of the marbles are red? \_\_\_\_\_
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## Answers of Worksheets

### Ratio and Rates Word Problems

1) 2:3

2) 315

3) The ratio for both classes is 7 to 4.

4) Walmart is a better buy.

5) 720, the rate is 30 per hour.

6) \$51.75

7) 56

8) 15

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