

Name: _____

Date: _____

Ratio and Rates Word Problems**Solve.**

- 1) Are these ratios equivalent?
12 cards to 72 animals 11 marbles to 66 marbles
- 2) In a party, 10 soft drinks are required for every 12 guests. If there are 252 guests, how many soft drink is required?
- 3) In a party, 10 soft drinks are required for every 12 guests. If there are 252 guests, how many soft drinks is required? _____
- 4) You can buy 5 cans of green beans at a supermarket for \$3.40. How much does it cost to buy 35 cans of green beans?
- 5) The bakers at a Bakery can make 160 bagels in 4 hours. How many bagels can they bake in 16 hours? What is that rate per hour? _____
- 6) The ratio of boys to girls in a class is 2 : 3. If there are 18 boys in the class, how many girls are in that class?

- 7) In Jack's class, 18 of the students are tall and 10 are short. In Michael's class 54 students are tall and 30 students are short. Which class has a higher ratio of tall to short students?
- 8) The price of 3 apples at the Quick Market is \$1.44. The price of 5 of the same apples at Walmart is \$2.50. Which place is the better buy? _____
- 9) Bob has 12 red cards and 20 green cards. What is the ratio of Bob's red cards to his green cards?

- 10) The bakers at a Bakery can make 160 bagels in 4 hours. How many bagels can they bake in 16 hours? What is that rate per hour?



- 1) Are these ratios equivalent?
12 cards to 72 animals 11 marbles to 66 marbles

Yes! Both ratios are 1 to 6

- 2) In a party, 10 soft drinks are required for every 12 guests. If there are 252 guests, how many soft drink is required?

210

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210

- 4) You can buy 5 cans of green beans at a supermarket for \$3.40. How much does it cost to buy 35 cans of green beans?

\$23.80

- 5) The bakers at a Bakery can make 160 bagels in 4 hours. How many bagels can they bake in 16 hours? What is that rate per hour? _____

640, the rate is 40 per hour.

- 6) The ratio of boys to girls in a class is 2 : 3. If there are 18 boys in the class, how many girls are in that class?

27

- 7) In Jack's class, 18 of the students are tall and 10 are short. In Michael's class 54 students are tall and 30 students are short. Which class has a higher ratio of tall to short students?

The ratio for both class is equal to 9 to 5

- 8) The price of 3 apples at the Quick Market is \$1.44. The price of 5 of the same apples at Walmart is \$2.50. Which place is the better buy? _____

Quick Market is a better buy.

- 9) Bob has 12 red cards and 20 green cards. What is the ratio of Bob's red cards to his green cards?

3 : 5

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