

Name: _____

Date _____

Topic : Ratio Word Problems - Worksheet 1

Solve the following:

1. There are a total of 63 bikes. If the ratio of blue bikes to black bikes is 4 to 5, how many of the bikes are blue?
2. Paul can walk 15 steps in 5 minutes. How long does it take Paul to walk 75 steps at the same speed?
3. Candy is at the balloon shop and sees that 10 balloons cost \$0.15. He needs 50 balloons to decorate his room. How much will 50 balloons cost?
4. It takes 8 people to pull a 16 ton truck. How many people would it take to pull a 60 ton truck?
5. Which is bigger, one fourth of 16 or one third of 24?
6. If a globe rotates through 150 degrees in 5 seconds, how many rotations does it make in 30 seconds?
7. If the ratio of white pens to green pens is 2 to 8 and there are a total of 30 pens, how many pens are white?
8. Giles is searching for a sock and discovers that he has 10 socks for every 5 pairs of shoes. If he has 20 socks, how many pairs of shoes does he have?
9. The sum of two numbers is 150. The ratio of the same two numbers is 3:2. Find the bigger number.
10. If the ratio of pink flower to blue flower is 3 to 6 and there are total 72 flowers, how many of them are pink?



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Topic : Ratio Word Problems - Worksheet 2

Solve the following:

1. There are a total of 18 chairs. If the ratio of the red chairs to brown chairs is 2 to 4, how many of them are red?
2. Rock can read 10 books in 30 minutes. How long does it take Rock to read 15 books, if the speed is consistent?
3. Ricky is at the bakery shop when he sees that 8 pastries cost \$160. He need 16 pastries. How much will 16 pastries cost?
4. It takes 10 people to pull a 50 ton bus. How many people would it take to pull a 100 ton bus?
5. Which is bigger, half of 40 or one fourth of 20?
6. If a ball rotates 110 degrees in 8 seconds, how many degrees does it rotate in 32 seconds?
7. If the ratio of red roses to yellow roses is 4 to 6 and there are a total of 50 roses, how many of them are yellow?
8. Freddy is searching for a shirt and discovers that he has 12 shirts for every 6 pair of jeans. If he has 18 shirts, how many pairs of jeans does he have?
9. The sum of two numbers is 200 and the two numbers are in a ratio of 4:6. Find the larger number.
10. If the ratio of the purple flowers to black flowers is 4 to 8 and there are a total of 108 flowers, how many of the flowers are purple?



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Topic : Ratio Word Problems - Worksheet 3

Solve the following:

1. There is a total of 25 bicycles. If the ratio of gray bicycles to black bicycles is 6 to 9, how many of them are black?
2. Ritz can eat 8 apples in 15 minutes. How long does it take Ritz to eat 16 apples at the same rate?
3. Tom is at McDonalds and he sees that 2 burgers cost \$40. He needs 12 burgers. How much will 12 burgers cost?
4. It takes 12 people to pull 30 tons of goods. How many people would it take to pull 60 tons of goods?
5. Which is bigger, two thirds of 30 or one fifth of 25?
6. If a tire rotates through 250 degrees in 15 seconds, how many degrees does it rotate in 45 seconds?
7. If the ratio of purple bikes to red bikes is 8 to 12 and there are a total of 100 bikes, how many of them are purple?
8. Andrew is searching for a cup and discovers that he has 20 plates for every 5 pairs of cups. If he has 40 plates, how many pairs of cups does he have?
9. The sum of two numbers is 80. The ratio of those two numbers is 3:5. Find the larger number.
10. If the ratio of red hair bands to green hair bands is 5 to 9 with a total of 70 hair bands, how many of them are green?



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Topic : Ratio Word Problems - Worksheet 4

Solve the following:

1. There are a total of 100 balloons. If the ratio of yellow balloons to blue balloons is 8 to 12, how many of them are yellow?
2. Furry can eat 10 mangoes in 5 minutes. How long does it take Furry to eat 18 mangoes at the same speed?
3. Harry is at the Pizza Hut and he sees that 5 pizzas cost \$300. He needs 15 pizzas. How much does 15 pizzas cost?
4. It takes 24 people to pull a 50 ton iron rod. How many people would it take to pull a 150 ton iron rod?
5. Which is bigger, three fourth of 28 or two fourth of 28?
6. If a coin rotates through 160 degrees in 6 seconds, how many degrees does it rotate in 60 seconds?
7. If the ratio of blue shirts to green shirts is 5 to 12 with a total of 340 shirts, how many of the shirts are blue?
8. Rex is searching for bread and discovers that he has 40 buns for every 10 cubes of cheese. If he has 80 buns, how many cubes of cheese does he have?
9. The sum of two numbers is with a ratio of 15:10. Find the larger number.
10. If the ratio of silver nail paints to golden nail paints is 4 to 2 and there are total 60 nail paints, how many of them are golden?



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Topic : Ratio Word Problems - Worksheet 5

Solve the following:

1. There are a total of 18 frocks. If the ratio of purple frocks to white frocks is 2 to 4, how many of them are white?
2. Johnny can eat 5 chocolates in 2 minutes. How long does it take Johnny to eat 10 chocolates at the same rate?
3. Gerry is at Dominos and sees that 2 choco-lava cakes cost \$50. He needs 6 choco-lava cakes. How much will those 6 choco-lava cakes cost?
4. It takes 16 people to pull a 30 ton cable wire. How many people would it take to pull a 60 ton cable wire?
5. Which is bigger, half of 30 or one third of 75?
6. If a marble rotates through 180 degrees in 9 seconds, how many degrees does it rotate in 18 seconds?
7. If the ratio of black jeans to blue jeans is 6 to 18 with a total of 240 jeans. How many of them are blue?
8. Rex is searching for shoes and discovers that he has 25 pairs of shoes for every 15 pairs of socks. If he has 50 pairs of shoes, how many socks does he have?
9. The sum of two numbers is 300 and the two numbers have a ratio of 20:10. Find the larger number.
10. If the ratio of red roses to pink roses is 5 to 4 and there are a total of 45 roses, how many of them are red?

