

## Division of Whole #'s and Decimals Study Guide

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

1. A theater performance reported a total of 8,568 people attended 14 shows. The same number of people came each time. How many people attended each show?
2. Freddie's Furniture Store has 3,200 sofa legs. Each sofa needs 4 legs. How many sofas can be made?
3. A gym holds 6,000 people with 60 rows. How many seats are in each row?
4. Ty drives 615 miles from New York to Detroit on Friday and back on Sunday. If the trip takes him 15 hours total, how many miles does he drive each hour?
5. Mr. Staton needs to pack 338 books into thirteen boxes. How many books should he put into each box?
6. A wood worker will cut 2.4 meters of wood into 6 smaller pieces. The smaller pieces will all be the same length. The wood worker made a model to determine the length of each of the pieces.  

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How long was each piece?
7. Scarlett has 28.8 oz of M&M's and 12.6 oz of pretzels to place equally into 3 bowls. How many ounces of each should Scarlett put into each bowl?
8. Lizzie filled up her car with 12.2 gallons of gas. She drove a total of 360 miles before needing more gas. About how many miles per gallon did Lizzie's car get?
9. Mr. Kirkland wants to cut a straight board into 9 equal pieces. The board is 56.34 inches long. How long should Mr. Kirkland cut each piece?
10. J.T. bought 5 games for \$56.50. Each towel cost the same amount. Each game was on sale for \$2.25 off the original price. What was the original price of each towel?
11. Mr. Shafer has \$252 to buy computer games for his house. He plans to buy 12 games. Each game is the same price. What is the greatest amount of money Mr. Shafer can spend on each game?
12. Sasha took six children to a baseball game. If she spent \$192.84 on tickets for the children, how much did she pay per ticket?
13. The Jelly-of-the-Month club charges \$81.48 for a 12 month subscription. Timothy buys a 12-month subscription. How much does it cost him each month?
14. The 31 members of the tennis club have been asked to asked to hand out 806 flyers to friends and family. If the club members are all given the same number, how many flyers does each player need to hand out?
15. The students from Wintergreen School are going on a field trip to New Bern. The buses they are taking hold 58 people each. There are a total of 276 students and adults attending. How many buses will they need?
16. Peyton bought four toys at the toy store for \$48.64. Each toy is the same price. How much did each toy cost?
17. A baker is packing donuts into boxes.
  - He packs the same number of donuts into each box.
  - He has packed a total of 322 donuts into 14 boxes.
  - He still has 483 donuts that must be packed.How many more boxes must the baker pack?
18. Gavin drove his car 9,309 miles last summer. His car uses 1 gallon of gas for every 29 miles driven. How many gallons of gas did he use last summer?
19. Haley went to the store and spent \$113.61 on seven dolls for her friends. If all of the dolls cost the same amount, how much did each doll cost?
20. Mrs. Tucker's car used 6.2 gallons of gasoline this week. She drove a total of 72.3 miles. If the car got the same gas mileage for the entire trip, how many miles did the car travel for each gallon of gasoline?

