

Name: _____ # _____ Date: _____

Multiply/Divide Decimals Review

1. Sabella and six friends went out to eat. Sabella spent \$6.55 on her meal. Each of her six friends spent \$7.35 on their meals. What was their total bill?

5. Michael has 153 baseball cards. If he puts an equal number into 3 boxes, how many baseball cards will be in each box?

2. Austin and Camilla purchased 8 pizzas for the SPACE meeting. The total cost of the purchased pizzas was \$39.75. About how much did each pizza cost?

6. Joey loves playing on his iPad. At the end of the year, his total bill was \$1,308 from Apple. What were his monthly payments?

3. Daniella bought 4.4 meters of fabric for her Halloween costume. The fabric costs \$9.75 per meter. What was her total cost?

7. There are 64 basketball players divided equally among 4 teams. On each team, there are 9 players from the sixth grade. The rest of the players will be from the fifth grade. How many fifth grade players are on each team?

4. Each month Holden's dad pays \$24.95 for a gym membership. So far this year, he has spent \$224.55 on his membership. What is the best estimate of the number of months Holden's dad has paid for gym membership?

8. A rectangle is 16 centimeters long with an area of 89.6 square centimeters. What is the rectangle's width?

9. Grace is making decorations for a school dance. She wants to cut a 31.5 yard spool of ribbon into pieces that are each 9 yards long. Write an expression that Grace could use to calculate how many pieces of ribbon she would have.

13. An ocean liner has 2,816 guest rooms. If there are 22 levels and each level has the same number of guest rooms, how many guest rooms are there on each level?

10. The perimeter of a square is 12.4 inches. What is the area?

14. Write the correct expanded notation for the number sixty-eight and four hundred four thousandths.

11. A dozen students decided to make matching T-Shirts for the upcoming spirit day. The exact price of all the t-shirts is \$85.08. How much did each t-shirt cost?

15. A garden box has a base of 85 square feet. It is 6 feet deep, what is the volume of the box?

12. Nolan ran the same distance every day for 4 weeks. He ran a total of 170.24 miles. How many miles did Nolan run each day?