

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

Unit 2- Multiplication and Division Review

1. How would you correctly explain these equations?
  - a.  $24 = 6 \times 4$       \_\_\_\_\_ is \_\_\_\_\_ times more than \_\_\_\_\_
  - b.  $32 = 4 \times 8$
  - c.  $15 = 3 \times 5$
  
2. There are 24 seats at each table in the cafeteria. If there are 5 tables in the whole cafeteria, how many seats are there in all?
  
  
  
  
  
  
  
  
  
  
3. Sam loves to collect rocks. He has 417 rocks. He gave 25 rocks to his best friend. He keeps his rocks in 7 containers. How many rocks are in each container?
  
  
  
  
  
  
  
  
  
  
4. Jack sorted his baseball cards from football cards. He had 12 times as many baseball cards as football cards. Jack has 6 football cards. Which equation could represent the number of Jack's baseball cards (b)?
  - a.  $12 + 6 = b$
  - b.  $12 \times 6 = b$
  - c.  $6 \times b = 12$
  - d.  $18 + 6 = b$
  
  
  
  
  
  
  
  
  
  
5. Which number is a multiple of 3 and 4? Select all that apply.
  - a. 12
  - b. 15
  - c. 20
  - d. 24
  - e. 30
  - f. 60

Use the following table to answer questions 6 and 7.

A	B	C	D	E	F
2	3	4	5	9	10

6. Which of the numbers in the table are composite?
- A, B, and D
  - A and C
  - C and F
  - C, E, and F
7. Which of these numbers in the table are prime?
- D and E
  - C, E and F
  - A, B, and D
  - C and D
8. Balto ran 46 miles on Friday. He ran 4 times as many miles on Saturday. How many miles did he run on Saturday?
9. Solve  $43 \times 38$ .
10. A number pattern was generated by multiplying 2 and adding 1 from a number repeating the rule for each number that came next.  
Which number pattern below follows the rule described above?
- 5, 11, 22, 24
  - 4, 8, 16, 32, 64
  - 2, 5, 11, 23, 47
  - 2, 1, 2, 1, 2, 1

11. Xavier went on a biking trip and biked a total of 3,251 miles. If he biked this amount 4 times a year, how many miles did he travel in all?

12. Divide 874 by 6

13. The Zeke family bought an RV to travel the summers in. The RV cost \$8,523. They want to pay for the RV over a 3-year period.

**Part A:** Explain how the family can find the amount of money they need to pay for each year.

**Part B:** What is the amount the family will pay each year?

**Part C:** Write a multiplication sentence to show how to check your answer.

14. The following figure represents a room in a house. If the room needs new flooring, what is the area of the room to know how much flooring to order?

