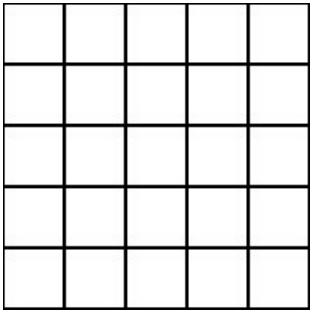


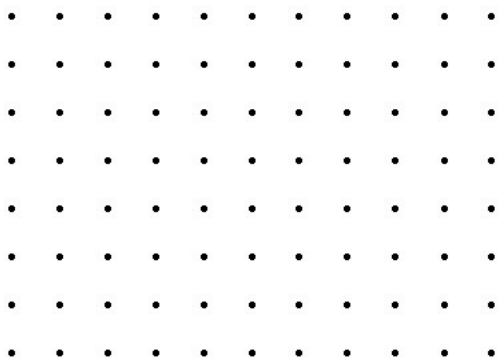
Answer the questions to the best of your ability.



1. What are the dimensions of this shape? \_\_\_\_\_ and \_\_\_\_\_

2. What is the area of this shape? \_\_\_\_\_

3. This shape is not a circle. It is a \_\_\_\_\_.



4. Draw a shape that is 24 square units.

5. What are the factors of the shape?  
 \_\_\_\_\_ and \_\_\_\_\_

6. Give an example of the commutative property in multiplication.  
 \_\_\_\_\_

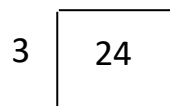
7. What are all the factors of 24?  
 \_\_\_\_\_

8. What are the factors of 19?  
 \_\_\_\_\_

9. Circle the Composite Numbers.

27   13   18   33   77   1

10.



11.  $7 + G = 13$

12.  $T - 25 = 8$

13.  $9 C = 72$

14.  $7 B = 63$

Robin was organizing her shed. She has 7 rows of boxes with 9 boxes in each row. Because they are heavy, she cannot stack any of the boxes on top of each other.

15. How many boxes does she have?

16. If each box takes up one square unit of space, and she has 100 square units in her shed, how many units remain to be filled in her shed?

The group needed a total of 32 chairs in order to have seating for the event. Morielle brought 6 in her car, and Brandon was able to bring 11 in his truck.

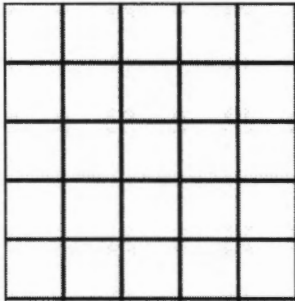
17. How many more chairs will be needed?

18. In addition to chairs, the group needs tables. Each table can seat 8 people. How many tables do they need?

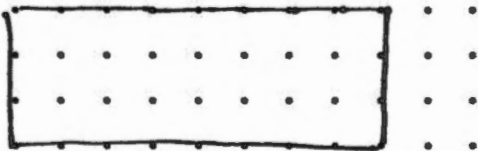
19. At the last minute, another group of 24 asked to join them. The new group had 12 of their own chairs. How many TOTAL chairs do they still need?

20. How many ADDITIONAL tables will they need?

Answer the questions to the best of your ability.



1. What are the dimensions of this shape? 5 and 5
2. What is the area of this shape? 25 square units
3. This shape is not a circle. It is a square.



4. Draw a shape that is 24 square units.

5. What are the factors of the shape?

8 and 3

answers may vary

6. Give an example of the commutative property in multiplication.

3x5 and 5x3

answers may vary

7. What are all the factors of 24?

1, 2, 3, 4, 6, 8, 12, and 24

8. What are the factors of 19?

1 and 19

9. Circle the Composite Numbers.

(27) 13 (18) (33) (77) 1

10.

$$\begin{array}{r} 8 \\ 3 \overline{) 24} \end{array}$$

11.  $7 + G = 13$

$$\begin{array}{r} -7 \quad -7 \\ \hline G = 6 \end{array}$$

12.  $T - 25 = 8$

$$\begin{array}{r} +25 \quad +25 \\ \hline T = 33 \end{array}$$

13.  $\frac{9C}{9} = \frac{72}{9}$

$$\begin{array}{r} 9 \quad 9 \\ \hline C = 8 \end{array}$$

14.  $\frac{7B}{7} = \frac{63}{7}$

$$\begin{array}{r} 7 \quad 7 \\ \hline B = 9 \end{array}$$

Robin was organizing her shed. She has 7 rows of boxes with 9 rows of boxes in each row. Because they are heavy, she cannot stack any of the boxes on top of each other.

15. How many boxes does she have?  $7 \times 9 = 63$  boxes

16. If each box takes up one square unit of space, and she has 100 square units in her shed, how many units remain to be filled in her shed?

$$\begin{array}{r} 100 \\ - 63 \\ \hline 37 \end{array} \text{ units remain}$$

The group needed a total of 32 chairs in order to have seating for the event. Morielle brought 6 in her car, and Brandon was able to bring 11 in his truck.

17. How many more chairs will be needed?

$$\begin{array}{r} 11 \\ + 6 \\ \hline 17 \end{array} \quad \begin{array}{r} 32 \\ - 17 \\ \hline 15 \end{array} \text{ more chairs are needed}$$

18. In addition to chairs, the group needs tables. Each table can seat 8 people. How many tables do they need?

$$8 \overline{) 32} \text{ 4 tables}$$

19. At the last minute, another group of 24 asked to join them. The new group had 12 of their own chairs. How many TOTAL chairs do they still need?

$$\begin{array}{r} 24 \\ - 12 \\ \hline 12 \end{array} \quad \begin{array}{r} 12 \\ + 15 \\ \hline 27 \end{array} \text{ Chairs are still needed}$$

20. How many ADDITIONAL tables will they need?

$$8 \overline{) 24} \text{ 3 more tables}$$