

# SEQUENTIAL MULTIPLICATION INVENTORY

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

School: \_\_\_\_\_ Grade: \_\_\_\_\_

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1. Draw a picture. Write the number sentence and solve.

Damon's mother gave him 2 bags of candy to take to school to share with his friends. Each bag had 7 candies in it. How many candies did he have altogether?

2. Draw a picture. Write the number sentence and solve.

Matthew rode his bike in the Race for Life. He biked 5 miles after breakfast. Then he biked 5 more miles after lunch and finally, he biked 5 more miles after dinner. How many total miles did he bike?

3. Draw a picture. Write the number sentence and solve.

Herman and Daniel sold cartons of eggs from the chickens they were raising. There were 6 eggs in each carton. If they sold 4 cartons of eggs, then how many eggs did they sell in all?

4. Draw a picture. Write the number sentence and solve.

Mr. Brack wants to tile his rectangular porch. If he knows that his porch is 9 tiles wide and 8 tiles long, then how many tiles would he need in all?

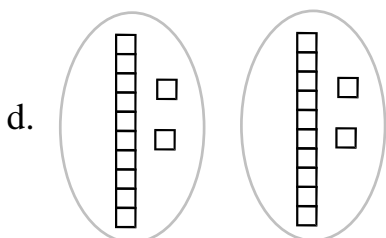
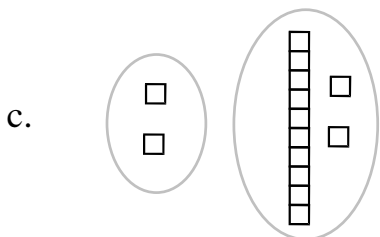
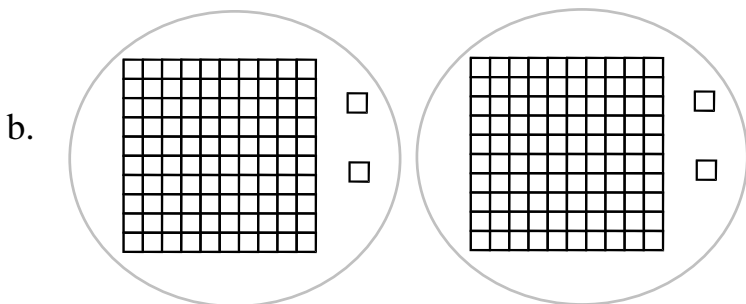
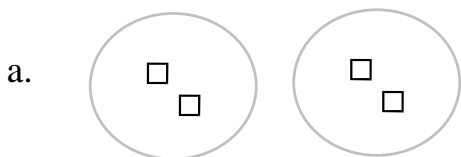
5. Draw a picture of each number sentence.

a.  $4 \times 3 =$  \_\_\_\_\_

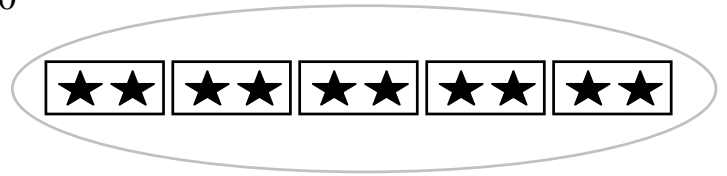
b.  $8 \times 0 =$  \_\_\_\_\_

c.  $9 \times 2 =$  \_\_\_\_\_

6. Circle the picture that shows  $2 \times 12 = 24$

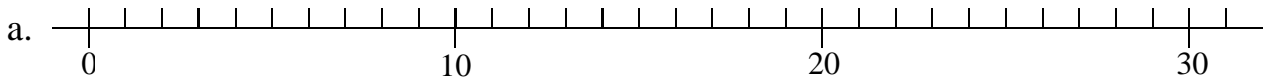


7. In the number sentence and picture  $5 \times 2 = 10$   
the number 5 tells us:



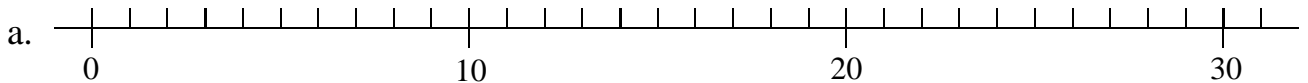
- a. the total number of stars.
- b. the number of groups.
- c. the number of stars in each group.

8. Draw on the number line below to show  $7 \times 3$ .



b. How much is  $7 \times 3 = ?$  \_\_\_\_\_

9. Draw on the number line below to show  $13 \times 2$ .



b. How much is  $13 \times 2 = ?$  \_\_\_\_\_

10. Complete the following:

a.  $8 \times 7 =$  \_\_\_\_\_

b. \_\_\_\_\_  $\div 7 = 8$

c.  $56 \div 8 =$  \_\_\_\_\_

11. Complete:

a.  $3 \times$  \_\_\_\_\_  $= 0$

b.  $3 \times$  \_\_\_\_\_  $= 3$

12. Fill in the box

a.  $\square \times 9 = 27$

b.  $5 \times \square = 30$

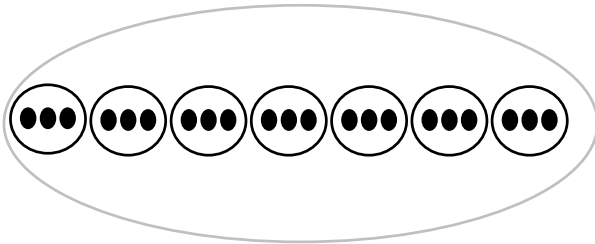
13. Write the following multiplication problems in vertical form.

a.  $32 \times 9 = \underline{\hspace{2cm}}$

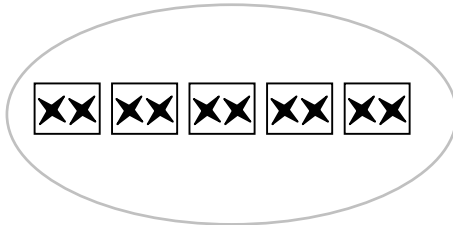
b.  $123 \times 12 = \underline{\hspace{2cm}}$

c.  $1004 \times 102 = \underline{\hspace{2cm}}$

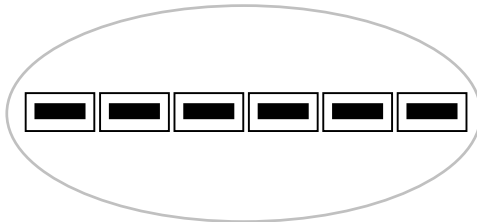
14. Write the multiplication sentence for each picture.



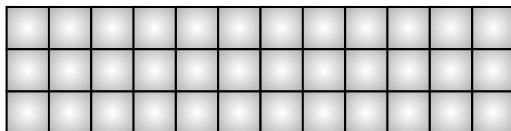
\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_

15.

a. 
$$\begin{array}{r} 3 \\ \times 7 \\ \hline \end{array}$$

b. 
$$\begin{array}{r} 8 \\ \times 7 \\ \hline \end{array}$$

c. 
$$\begin{array}{r} 9 \\ \times 6 \\ \hline \end{array}$$

d. 
$$\begin{array}{r} 6 \\ \times 8 \\ \hline \end{array}$$

16.

a. 
$$\begin{array}{r} 21 \\ \times 4 \\ \hline \end{array}$$

b. 
$$\begin{array}{r} 102 \\ \times 3 \\ \hline \end{array}$$

c. 
$$\begin{array}{r} 934 \\ \times 2 \\ \hline \end{array}$$

d. 
$$\begin{array}{r} 2012 \\ \times 4 \\ \hline \end{array}$$

17.

a. 
$$\begin{array}{r} 36 \\ \times 3 \\ \hline \end{array}$$

b. 
$$\begin{array}{r} 72 \\ \times 7 \\ \hline \end{array}$$

c. 
$$\begin{array}{r} 867 \\ \times 8 \\ \hline \end{array}$$

d. 
$$\begin{array}{r} 2004 \\ \times 5 \\ \hline \end{array}$$



18. a. 
$$\begin{array}{r} 602 \\ \times 31 \\ \hline \end{array}$$

b. 
$$\begin{array}{r} 439 \\ \times 87 \\ \hline \end{array}$$

c. 
$$\begin{array}{r} 912 \\ \times 34 \\ \hline \end{array}$$

19. a.  $3 \times (8 + 5) = \underline{\hspace{2cm}} + \underline{\hspace{2cm}}$

b.  $5 \times 87 = 5 \times \underline{\hspace{2cm}} + 5 \times \underline{\hspace{2cm}}$

c.  $4 \times (7 + \underline{\hspace{2cm}}) = 4 \times 11$