

Multiplication

Skill 3 - 10F

Arrays: Arranging Objects in Rows and Columns

Directions: Write the multiplication sentence that the array models.

Example

Alicia made an array by arranging square tiles into rows and columns. She used this array to model a number sentence.



What number sentence did she model?

The answer is

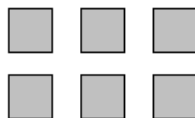
$$3 \times 5 = 15$$

$$\begin{array}{ccccccc} 3 & \times & 5 & = & 15 \\ \uparrow & & \uparrow & & \uparrow \\ \text{number} & & \text{number in} & & \text{product} \\ \text{of rows} & & \text{each row} & & \end{array}$$

Count the number of rows and the number in each row to make a number sentence.

1.

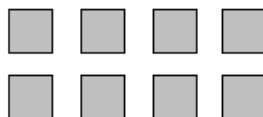
Anna arranged square tiles into an array. She used the array to model a number sentence.



What number sentence did she model?

2.

Logan arranged square tiles into an array. He used the array to model a number sentence.



What number sentence did he model?

Multiplication

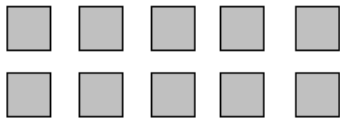
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Directions: Write the multiplication sentence that the array models.

3.

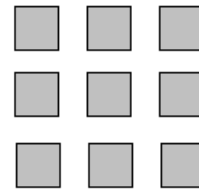
Emma arranged square tiles into an array. She used the array to model a number sentence.



What number sentence did she model?

4.

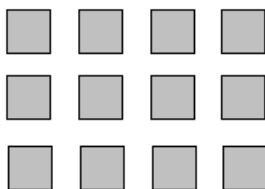
Caleb arranged square tiles into an array. He used the array to model a number sentence.



What number sentence did he model?

5.

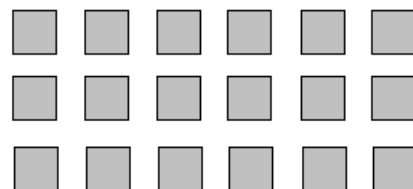
John arranged square tiles into an array. He used the array to model a number sentence.



What number sentence did he model?

6.

Michael arranged square tiles into an array. He used the array to model a number sentence.



What number sentence did he model?

Multiplication

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Arrays: Arranging Objects in Rows and Columns

Directions: Draw an array that models the number sentence.

7.

Draw an array that models the following number sentence.

$$2 \times 4 = 8$$

8.

Draw an array that models the following number sentence.

$$2 \times 6 = 12$$

9.

Draw an array that models the following number sentence.

$$3 \times 4 = 12$$

10.

Draw an array that models the following number sentence.

$$3 \times 6 = 18$$

Multiplication

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Arrays: Arranging Objects in Rows and Columns

Directions: Read the word problem and choose an answer.

11.

Kayla ran 3 laps around the track everyday for 5 days. Which array shows how many laps Kayla ran?



A.



B.



C.



D.

12.

Kevin bought 4 packages of pens. There were 5 pens in each package. Which array shows how many pens Kevin bought?



A.



B.



C.



D.

13.

Caleb practices tennis on Monday, Wednesday, and Friday of each week. On each of these days, he practices for 3 hours. How many hours does he practice each week?



A.



B.



C.



D.

Answer Key
Skill 3 - 10F

1. $2 \times 3 = 6$

2. $2 \times 4 = 8$

3. $2 \times 5 = 10$

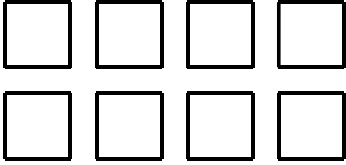
4. $3 \times 3 = 9$

5. $3 \times 4 = 12$

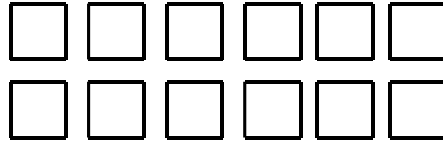
6. $3 \times 6 = 18$

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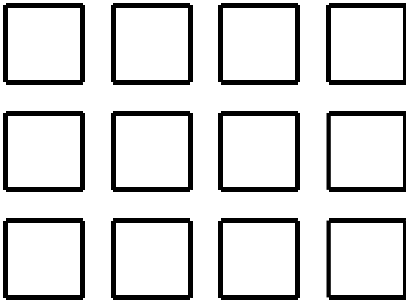
7.



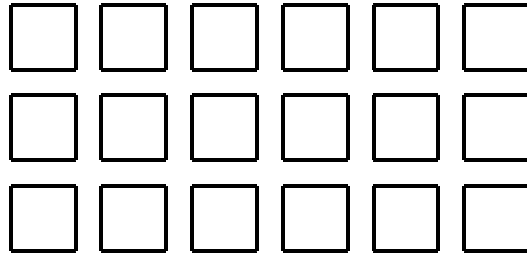
8.



9.



10.



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11. C

12..D

13. B He practices 9 hours each week.