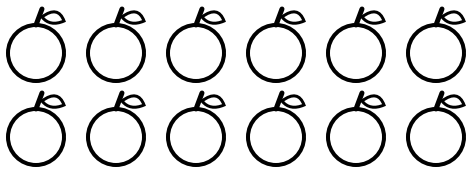
Multiplication Arrays

Name _____ Date _____

An array has equal rows, and the objects line up in columns.
A row goes across. A column goes up and down.

---

1. Count the apples.

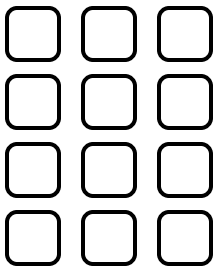


How many rows? _____

How many in each row? _____

How many apples in all? _____

2. Read the rows and columns.



Rows: _____

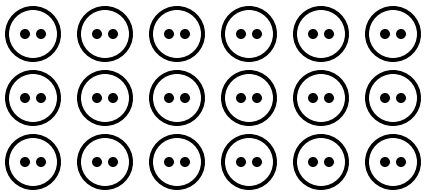
Columns: _____

Rows first: ____ × ____ = _____

Columns first: ____ × ____ = _____

3. Find the missing number.

There are 18 buttons in 3 rows.



3 × ☐ = 18

Each row has _____ buttons.

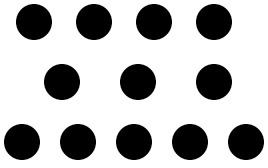
4. Draw an array.

Draw 2 rows of 5 circles.
Line them up in columns.

Equation: ____ × ____ = _____

5. Fix the mistake.

Kai says this is an array for 3 × 4.



Is it an array?

Yes No

Explain: _____

_____

_____

6. Solve the story.

A garden has 4 rows of carrots.
Each row has 6 carrots.
How many carrots are in the garden?

Equation: ____ × ____ = _____

Answer: _____ carrots

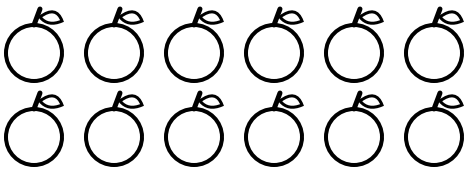
Multiplication Arrays: Answer Key

Equations are shown with rows first. Columns-first equations are also correct, such as 5 × 2 = 10 in question 4 or 6 × 4 = 24 in question 6.

Accept drawings with the requested rows and number in each row.

---

1. Count the apples.

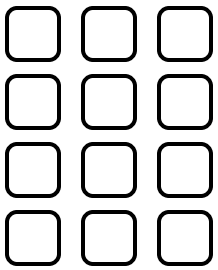


How many rows? 2

How many in each row? 6

How many apples in all? 12

2. Read the rows and columns.



Rows: 4

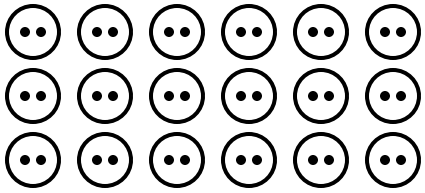
Columns: 3

Rows first: 4 × 3 = 12

Columns first: 3 × 4 = 12

3. Find the missing number.

There are 18 buttons in 3 rows.



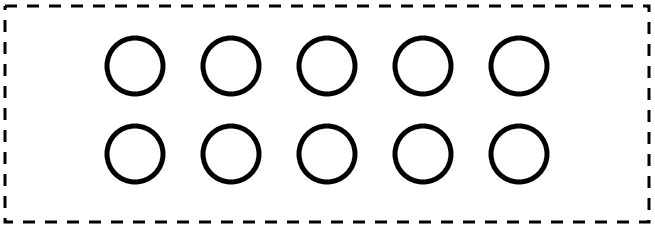
3 × [6] = 18

Each row has 6 buttons.

4. Draw an array.

Draw 2 rows of 5 circles.

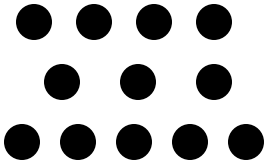
Line them up in columns.



Equation: 2 × 5 = 10

5. Fix the mistake.

Kai says this is an array for 3 × 4.



Is it an array?

Yes (No)

Explain: Rows: 4, 3, and 5 dots.

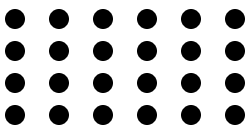
Rows must be equal, and dots must line up in columns.

6. Solve the story.

A garden has 4 rows of carrots.

Each row has 6 carrots.

How many carrots are in the garden?



4 rows of 6

Equation: 4 × 6 = 24

Answer: 24 carrots