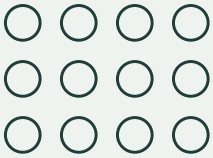
Arrays: Rows and Columns

An array has equal rows and straight columns. Count before multiplying.

LOOK TOGETHER

4 columns

3 rows



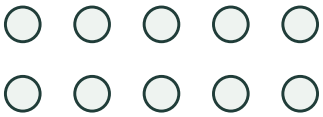
Rows go across. Columns run up and down.

3 rows of 4 counters

3 × 4 = 12

Here we write rows × columns.

1. Count the rows and columns.

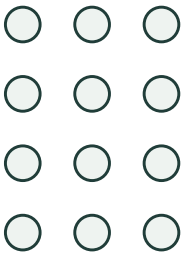


2 rows

5 columns

2 × **5** = **10**

2. Count the rows and columns.



4 rows

3 columns

4 × **3** = **12**

Adult check: accept any correctly spaced array with the stated number of rows and columns.

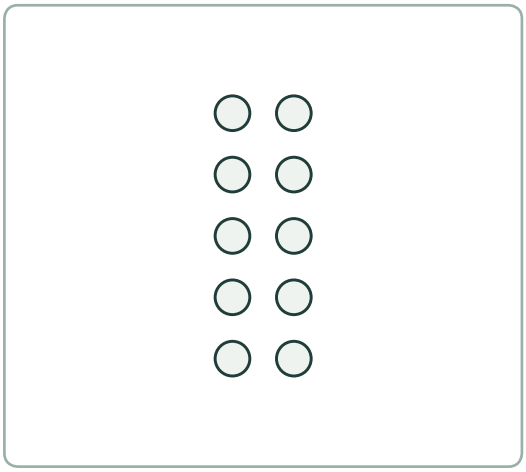
Arrays: Rows and Columns

Draw the two arrays, then compare them with the arrays on the first page.

Build the arrays

Keep every row equal. Line up the columns. Write rows × columns.

3. Draw 5 rows with 2 counters in each row.

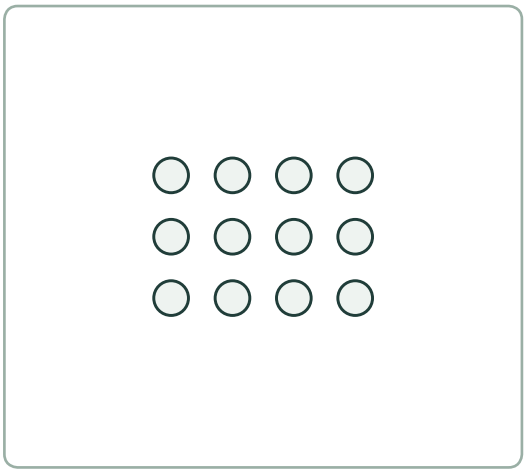


5 rows

2 columns

5 × **2** = **10**

4. Draw 3 rows with 4 counters in each row.



3 rows

4 columns

3 × **4** = **12**

Compare your arrays

1 and 3: YES. Both have 10 counters.

2 and 4: YES. Both have 12 counters.

Rows and columns swap; the total stays.

Adult check: accept any correctly spaced array with the stated number of rows and columns.