

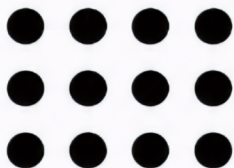
Name: _____

Date: _____

Arrays and Multiplication

An array shows objects in equal rows and columns.
We can use arrays to help us multiply.

Example:



There are 3 rows.

There are 4 in each row.

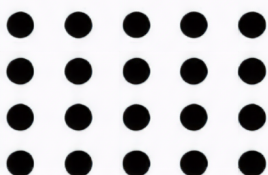
$$3 \times 4 = 12$$

We can also write:

$$4 \times 3 = 12$$

1. Write a multiplication sentence for each array.

a.



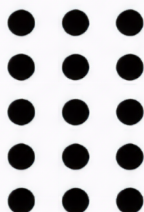
$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

b.



$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

c.



$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

d.



$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

2. Draw an array to solve each problem. Then write a multiplication sentence.

a. There are 4 shelves.

There are 6 books on each shelf.

How many books are there in all?

$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

b. There are 5 bags.

There are 8 apples in each bag.

How many apples are there in all?

$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$