

## ★ Arrays - Rows

Children look into arrays and focus on rows.  
On this sheet, they have stem sentences to ensure their number sentences have the correct amount of numbers.

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Step 1: Look at the array and complete the sentences. We are looking at rows.

There are \_\_\_\_\_ cherries in each row.  
There are \_\_\_\_\_ rows.  
There are \_\_\_\_\_ cherries altogether.

There are \_\_\_\_\_ cubes in each row.  
There are \_\_\_\_\_ rows.  
There are \_\_\_\_\_ cubes altogether.

There are \_\_\_\_\_ beans in each row.  
There are \_\_\_\_\_ rows.  
There are \_\_\_\_\_ beans altogether.

There are \_\_\_\_\_ counters in each row.  
There are \_\_\_\_\_ rows.  
There are \_\_\_\_\_ counters altogether.

## ★★ Arrays - Rows

Children look into arrays and focus on rows.  
On this sheet, they fill in their own number sentences and also have a version with the stem number sentences.

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Step 2: Look at the array and complete the sentences. We are looking at rows.

There are \_\_\_\_\_ cherries in each row.  
There are \_\_\_\_\_ rows.  
There are \_\_\_\_\_ cherries altogether.

There are \_\_\_\_\_ cubes in each row.  
There are \_\_\_\_\_ rows.  
There are \_\_\_\_\_ cubes altogether.

There are \_\_\_\_\_ beans in each row.  
There are \_\_\_\_\_ rows.  
There are \_\_\_\_\_ beans altogether.

There are \_\_\_\_\_ counters in each row.  
There are \_\_\_\_\_ rows.  
There are \_\_\_\_\_ counters altogether.

## ★★★ Arrays - Rows

Children look into arrays and focus on rows.  
On this sheet, they fill in their own number sentences and count in numbers other than 2s, 5s and 10s.

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Step 3: Look at the array and complete the sentences. We are looking at rows.

There are \_\_\_\_\_ cherries in each row.  
There are \_\_\_\_\_ rows.  
There are \_\_\_\_\_ cherries altogether.

There are \_\_\_\_\_ cubes in each row.  
There are \_\_\_\_\_ rows.  
There are \_\_\_\_\_ cubes altogether.

There are \_\_\_\_\_ beans in each row.  
There are \_\_\_\_\_ rows.  
There are \_\_\_\_\_ beans altogether.

There are \_\_\_\_\_ counters in each row.  
There are \_\_\_\_\_ rows.  
There are \_\_\_\_\_ counters altogether.

## Reasoning and Problem Solving

### Arrays - Rows

Children continue to develop their understanding of rows in arrays by answering reasoning tasks.

Write the letter of the array that matches the child's description.

My array has three rows.

My array has 5 rows.

My array has a total of 10.

A B C

Who would have more if...

Tia

Leanna

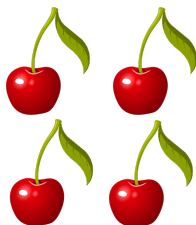
Leanna added one more row?

Tia took away a row?

Prove how you know.



Look at the arrays and complete the sentences. We are looking at **rows**. →

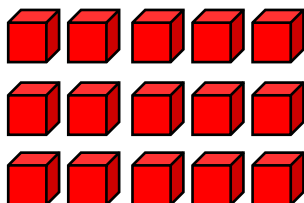


There are \_\_\_\_\_ cherries in each **row**.

There are \_\_\_\_\_ rows.

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

There are \_\_\_\_\_ cherries altogether.

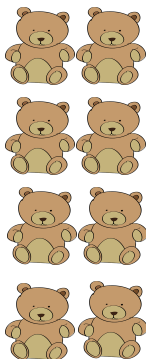


There are \_\_\_\_\_ cubes in each **row**.

There are \_\_\_\_\_ rows.

$$\underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$$

There are \_\_\_\_\_ cubes altogether.

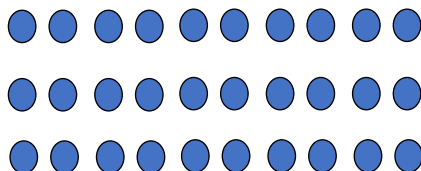


There are \_\_\_\_\_ bears in each **row**.

There are \_\_\_\_\_ rows.

$$\underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$$

There are \_\_\_\_\_ bears altogether.



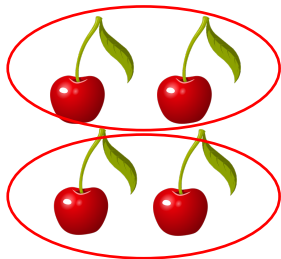
There are \_\_\_\_\_ counters in each **row**.

There are \_\_\_\_\_ rows.

$$\underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$$

There are \_\_\_\_\_ counters altogether.

Look at the arrays and complete the sentences. We are looking at rows. →

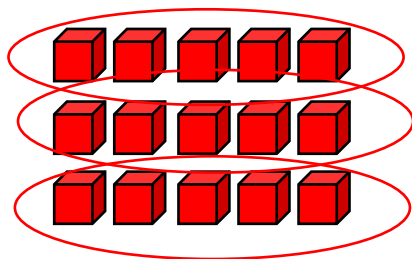


There are 2 cherries in each **row**.

There are 2 rows.

$$\underline{2} + \underline{2} = \underline{4}$$

There are 4 cherries altogether.

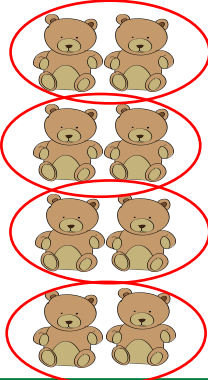


There are 5 cubes in each **row**.

There are 3 rows.

$$\underline{5} + \underline{5} + \underline{5} = \underline{15}$$

There are 15 cubes altogether.

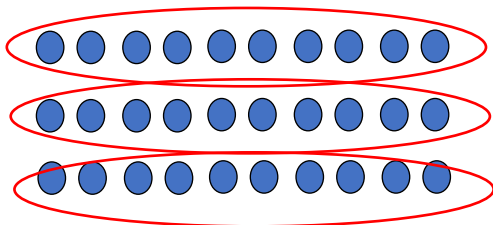


There are 2 bears in each **row**.

There are 4 rows.

$$\underline{2} + \underline{2} + \underline{2} + \underline{2} = \underline{8}$$

There are 8 bears altogether.



There are 10 counters in each **row**.

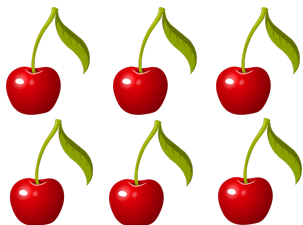
There are 3 rows.

$$\underline{10} + \underline{10} + \underline{10} = \underline{30}$$

There are 30 counters altogether.



Look at the arrays and complete the sentences. We are looking at rows. →

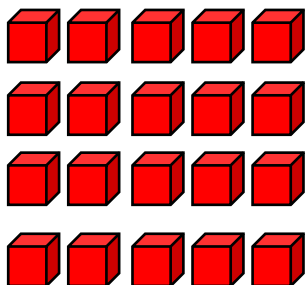


There are \_\_\_\_ cherries in each **row**.

There are \_\_\_\_ rows.

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

There are \_\_\_\_ cherries altogether.

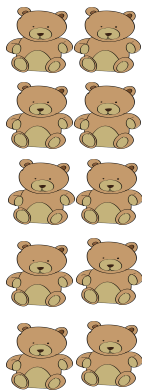


There are \_\_\_\_ cubes in each **row**.

There are \_\_\_\_ rows.

$$\underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$$

There are \_\_\_\_ cubes altogether.

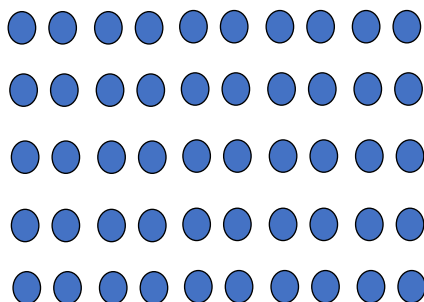


There are \_\_\_\_ bears in each **row**.

There are \_\_\_\_ rows.

$$\underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$$

There are \_\_\_\_ bears altogether.



There are \_\_\_\_ counters in each **row**.

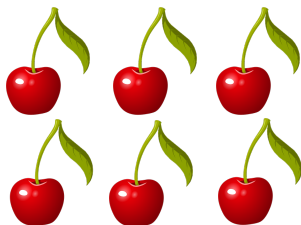
There are \_\_\_\_ rows.

$$\underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$$

There are \_\_\_\_ counters altogether.



Look at the arrays and complete the sentences. We are looking at rows. →

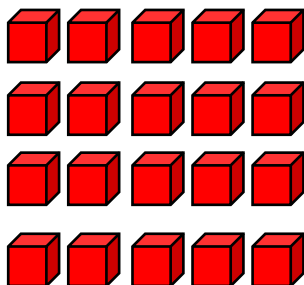


There are \_\_\_\_ cherries in each **row**.

There are \_\_\_\_ rows.

\_\_\_\_\_

There are \_\_\_\_ cherries altogether.

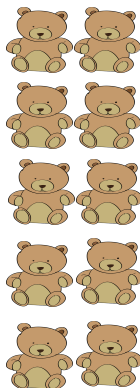


There are \_\_\_\_ cubes in each **row**.

There are \_\_\_\_ rows.

\_\_\_\_\_

There are \_\_\_\_ cubes altogether.

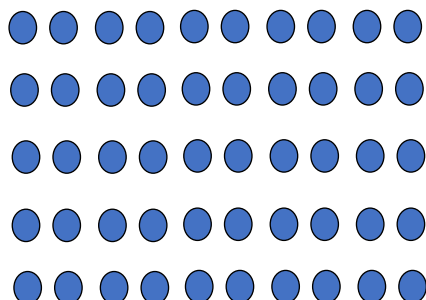


There are \_\_\_\_ bears in each **row**.

There are \_\_\_\_ rows.

\_\_\_\_\_

There are \_\_\_\_ bears altogether.



There are \_\_\_\_ counters in each **row**.

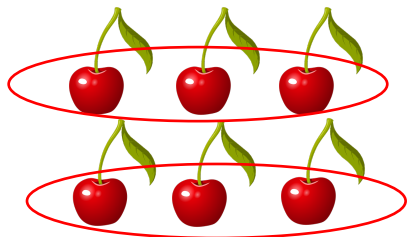
There are \_\_\_\_ rows.

\_\_\_\_\_

There are \_\_\_\_ counters altogether.



Look at the arrays and complete the sentences. We are looking at rows. —→

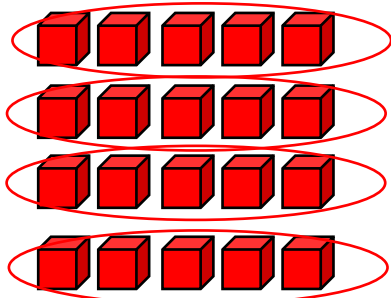


There are 3 cherries in each row.

There are 2 rows.

$$\underline{3} + \underline{3} = \underline{6}$$

There are 6 cherries altogether.

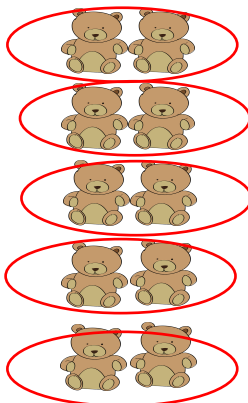


There are 5 cubes in each row.

There are 4 rows.

$$\underline{5} + \underline{5} + \underline{5} + \underline{5} = \underline{20}$$

There are 20 cubes altogether.

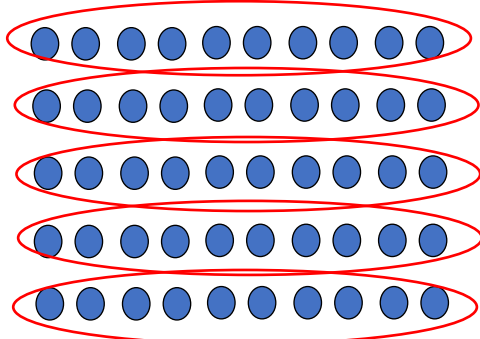


There are 2 bears in each row.

There are 5 rows.

$$\underline{2} + \underline{2} + \underline{2} + \underline{2} + \underline{2} = \underline{10}$$

There are 10 bears altogether.



There are 10 counters in each row.

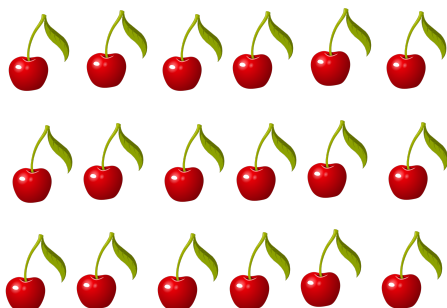
There are 5 rows.

$$\underline{10} + \underline{10} + \underline{10} + \underline{10} + \underline{10} = \underline{50}$$

There are 50 counters altogether.



Look at the arrays and complete the sentences. We are looking at rows. →

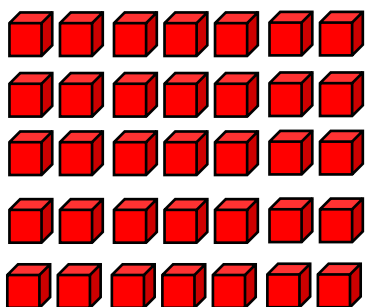


There are \_\_\_\_ cherries in each **row**.

There are \_\_\_\_ rows.

\_\_\_\_\_

There are \_\_\_\_ cherries altogether.

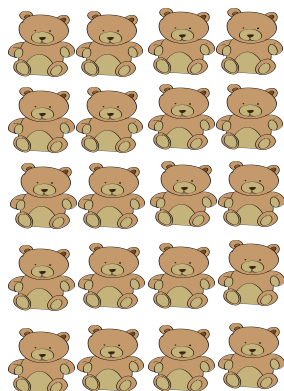


There are \_\_\_\_ cubes in each **row**.

There are \_\_\_\_ rows.

\_\_\_\_\_

There are \_\_\_\_ cubes altogether.

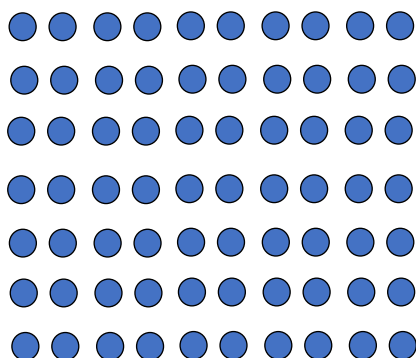


There are \_\_\_\_ bears in each **row**.

There are \_\_\_\_ rows.

\_\_\_\_\_

There are \_\_\_\_ bears altogether.



There are \_\_\_\_ counters in each **row**.

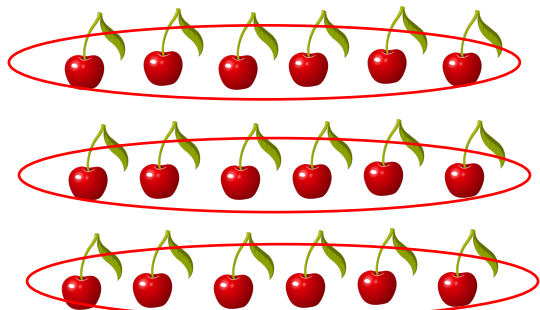
There are \_\_\_\_ rows.

\_\_\_\_\_

There are \_\_\_\_ counters altogether.



Look at the arrays and complete the sentences. We are looking at rows.

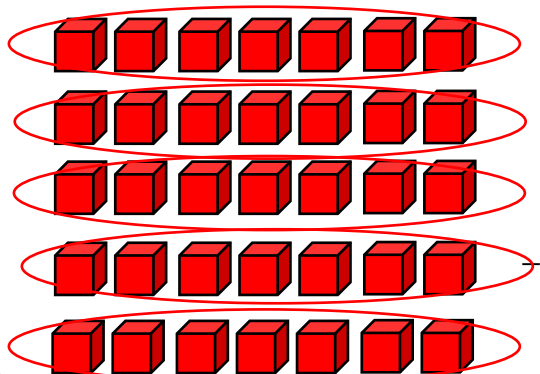


There are 6 cherries in each row.

There are 3 rows.

$$\underline{6} + \underline{6} + \underline{6} = \underline{18}$$

There are 18 cherries altogether.

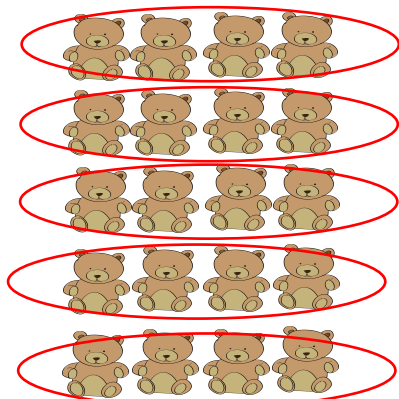


There are 7 cubes in each row.

There are 5 rows.

$$\underline{7} + \underline{7} + \underline{7} + \underline{7} + \underline{7} = \underline{35}$$

There are 35 cubes altogether.

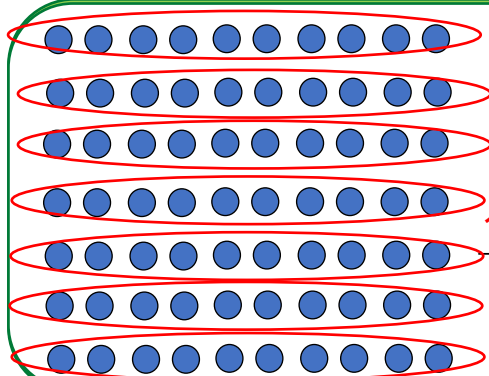


There are 4 bears in each row.

There are 5 rows.

$$\underline{4} + \underline{4} + \underline{4} + \underline{4} + \underline{4} = \underline{20}$$

There are 20 bears altogether.



There are 10 counters in each row.

There are 7 rows.

$$\underline{10} + \underline{10} + \underline{10} + \underline{10} + \underline{10} + \underline{10} + \underline{10} = \underline{70}$$

There are 70 counters altogether.



Write the letter of the array that matches the child's description.



My array has three rows.



My array has 5 rows.



My array has a total of 10.



A



B



C

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Who would have more if...



Tia



Leanna



Leanna added one more row?

Tia took away a row?

Prove how you know.

Write the letter of the array that matches the child's description.



My array has three rows.



My array has 5 rows.



My array has a total of 10.



A



B



C

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Who would have more if...



Tia



Leanna



Leanna added one more row?

Tia took away a row?

Prove how you know.

Write the letter of the array that matches the child's description.

C



My array has three rows.

B



My array has 5 rows.

A



My array has a total of 10.



A



B



C

Who would have more if...



Tia



Leanna



Leanna added one more row?

Tia

Tia took away a row?

Leanna

Prove how you know.

Write the letter of the array that matches the child's description.

C



My array has three rows.

B



My array has 5 rows.

A



My array has a total of 10.



A



B



C

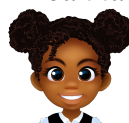
Who would have more if...



Tia



Leanna



Leanna added one more row?

Tia

Tia took away a row?

Leanna

Prove how you know.