# Making Arrays

Monday 27th April

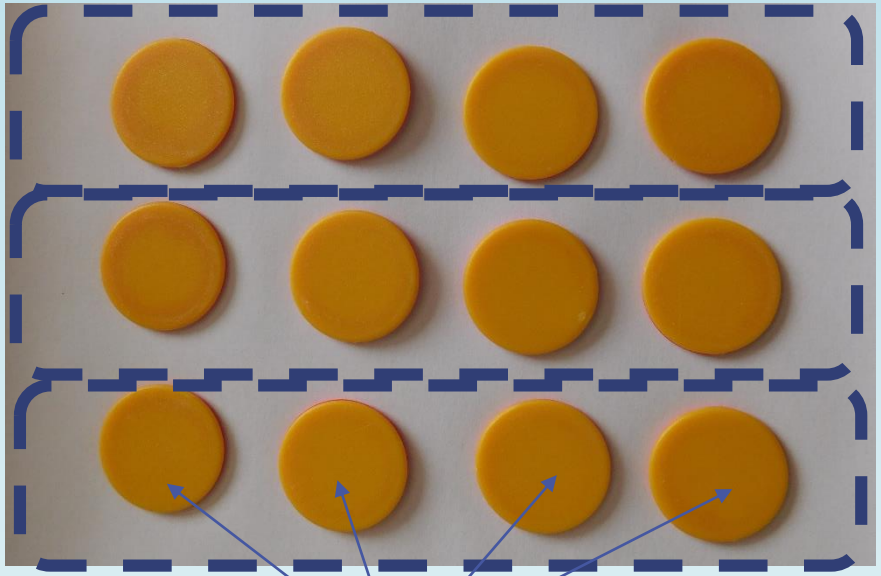
# What is an array?

An array is made up of rows of equal groups.

We can use counters, bricks or any other objects to make array.

We can draw arrays using pictures or dots.

This is an array to show the number sentence 4 + 4 + 4 = 12

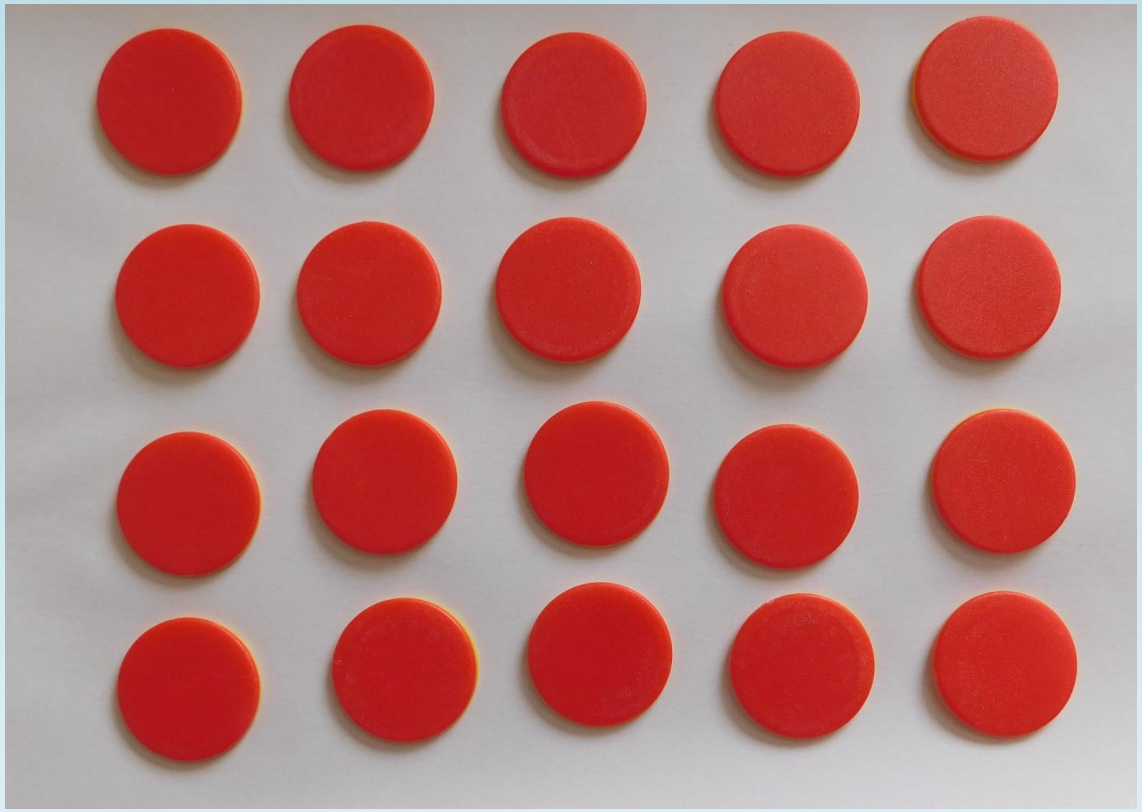


There are 3 rows.

There are 4 counters in each row.

There are 12 counters altogether.

# Complete the sentences.



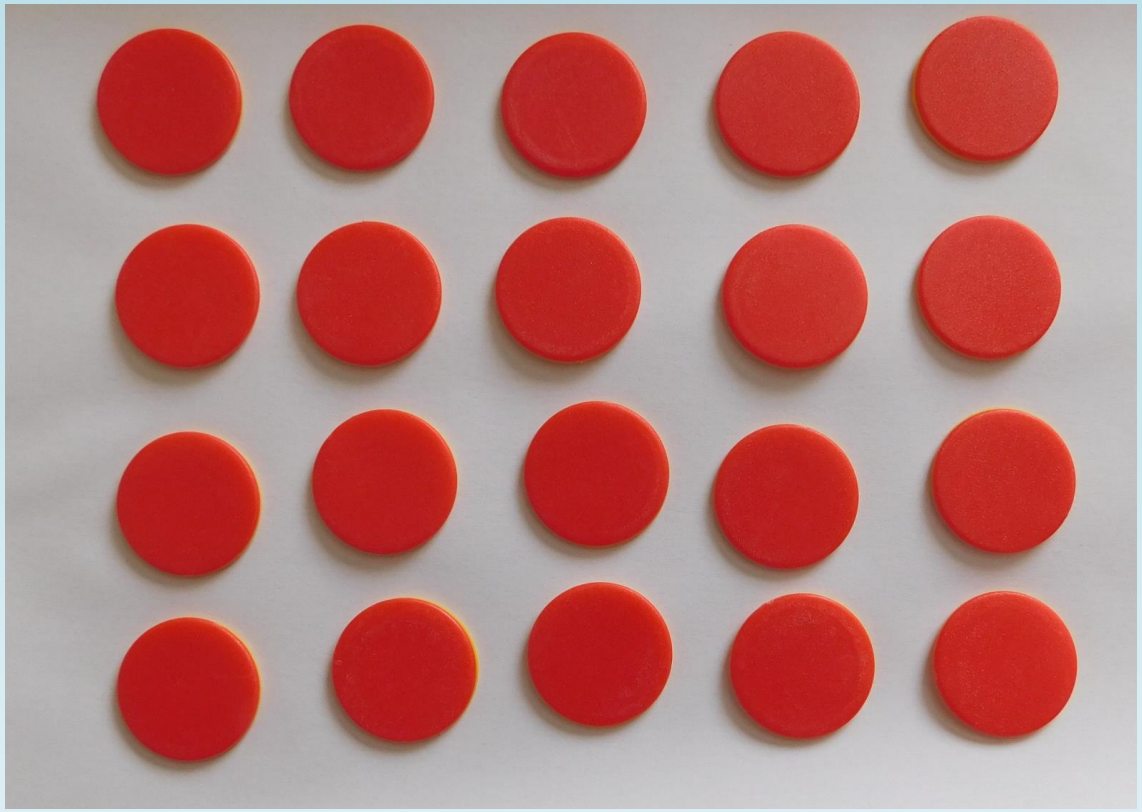
There are _____ in each row.

There are _____ rows.

___ + ___ + ___ + ___ = ___

There are _____ altogether.

# Complete the sentences.



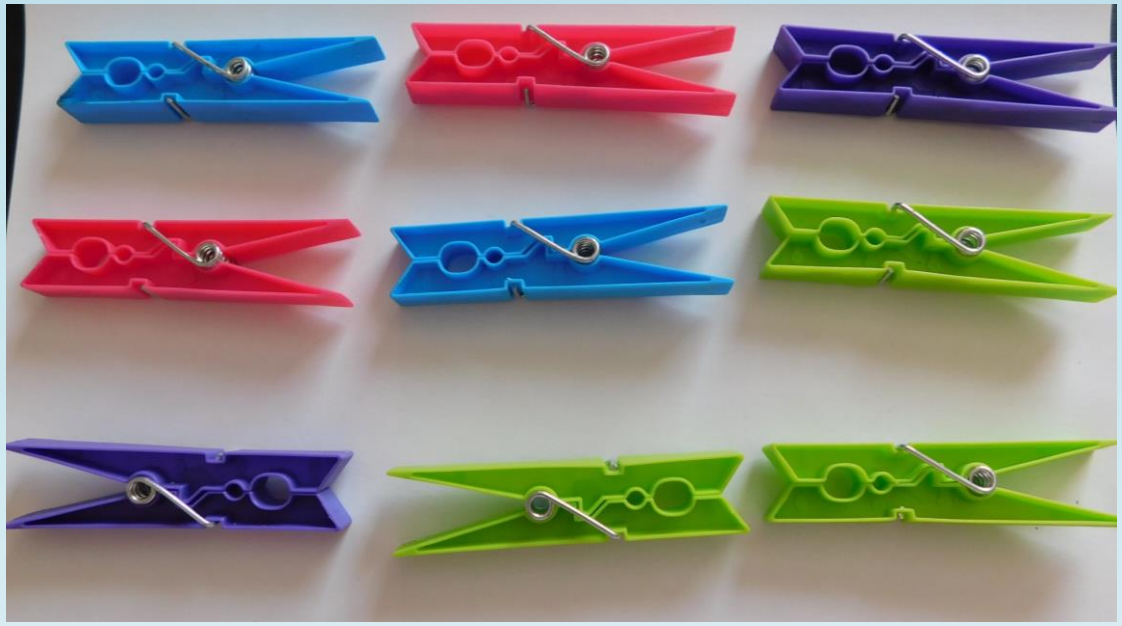
There are __5__ in each row.

There are __4__ rows.

_5_ + _5_ + _5_ + _5_ = _20_

There are _20_ altogether.

# Complete the sentences.



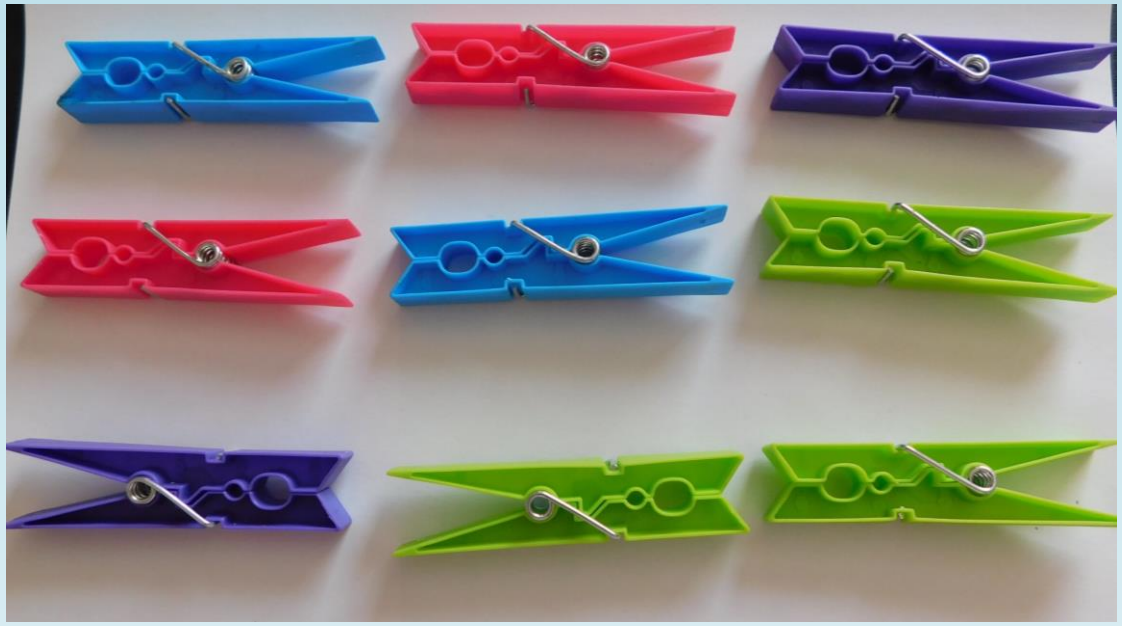
There are _____ in each row.

There are _____ rows.

_____ + _____ + _____ = _____

There are _____ altogether.

# Complete the sentences.



There are __3__ in each row.

There are __3__ rows.

__3__ + __3__ + __3__ = __9__

There are __9__ altogether.

# Complete the sentences.

There are _____ in each row.

There are _____ rows.

_____ + _____ + _____ = _____

There are _____ altogether.

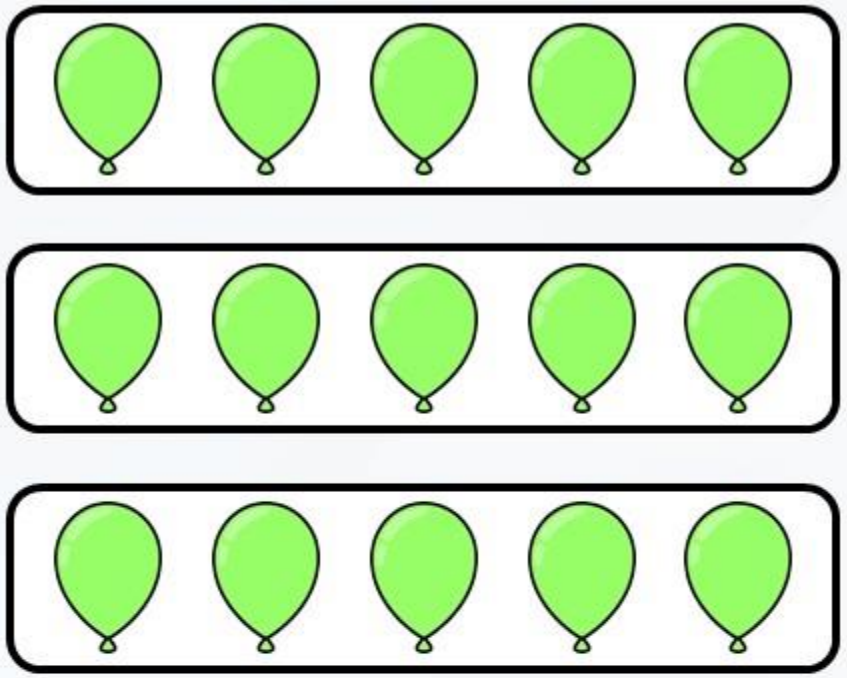
# Complete the sentences.

There are __6__ in each row.

There are __3__ rows.

__6__ + __6__ + __6__ = __18__

There are __18__ altogether.



Dom

The matching number sentence is 5 + 5 + 5.

Kat

The matching number sentence is 3 + 3 + 3.

**Who do you agree with?**
**Explain your answer.**

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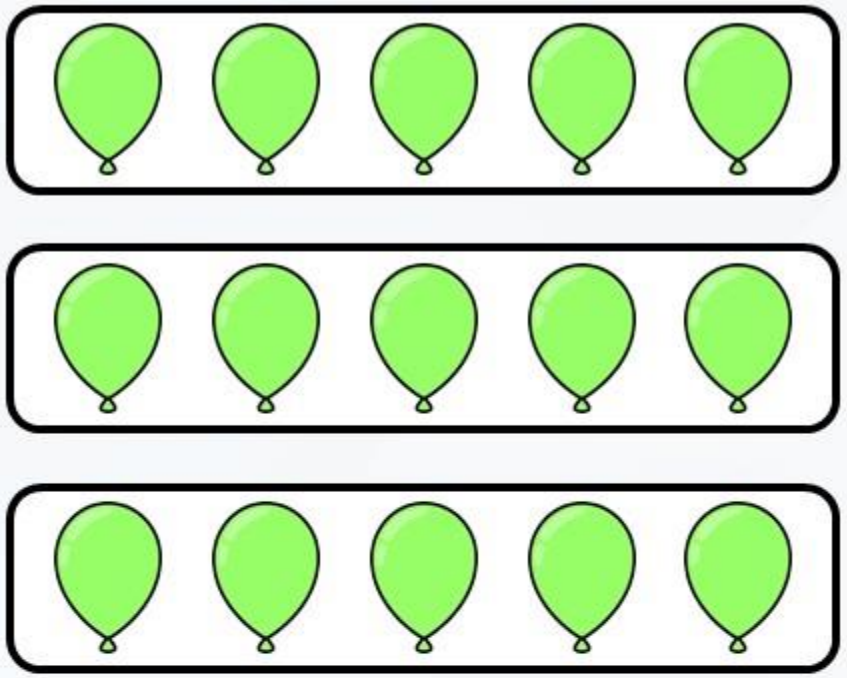

Dom

The matching number sentence is 5 + 5 + 5.

Kat

The matching number sentence is 3 + 3 + 3.

Who do you agree with?
Explain your answer.

Dom is correct.
There are 5 in each row and there are 3 rows.

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Problem solving

# What array could be built with 6 cubes?

## Build, draw and describe the array.

or

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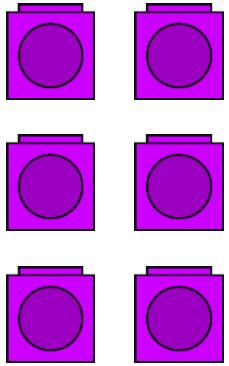
Problem solving

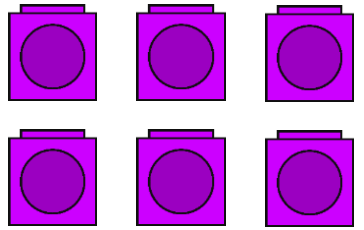
# What array could be built with 6 cubes?

## Build, draw and describe the array.



2 in each row. 3 rows.

or



3 in each row. 2 rows.

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# Task – use object to make these arrays and complete the sentences.

There are 5 in each row.

There are 2 rows.

5 + 5 = ____

There are ____ altogether.

There are 10 in each row.

There are 3 rows.

10 + 10 + 10 = ____

There are ____ altogether.

There are 2 in each row.

There are 3 rows.

2 + 2 + 2 = ____

There are ____ altogether.

There are 3 in each row.

There are 4 rows.

_____ = ____

There are ____ altogether.

There are 4 in each row.

There are 4 rows.

_____ = ____

There are ____ altogether.

There are 6 in each row.

There are 2 rows.

_____ = ____

There are ____ altogether.

# Extension

Make your own arrays and write the sentences to describe them.

There are _____ in each row.

There are _____ rows.

_____ = _____

There are _____ altogether.