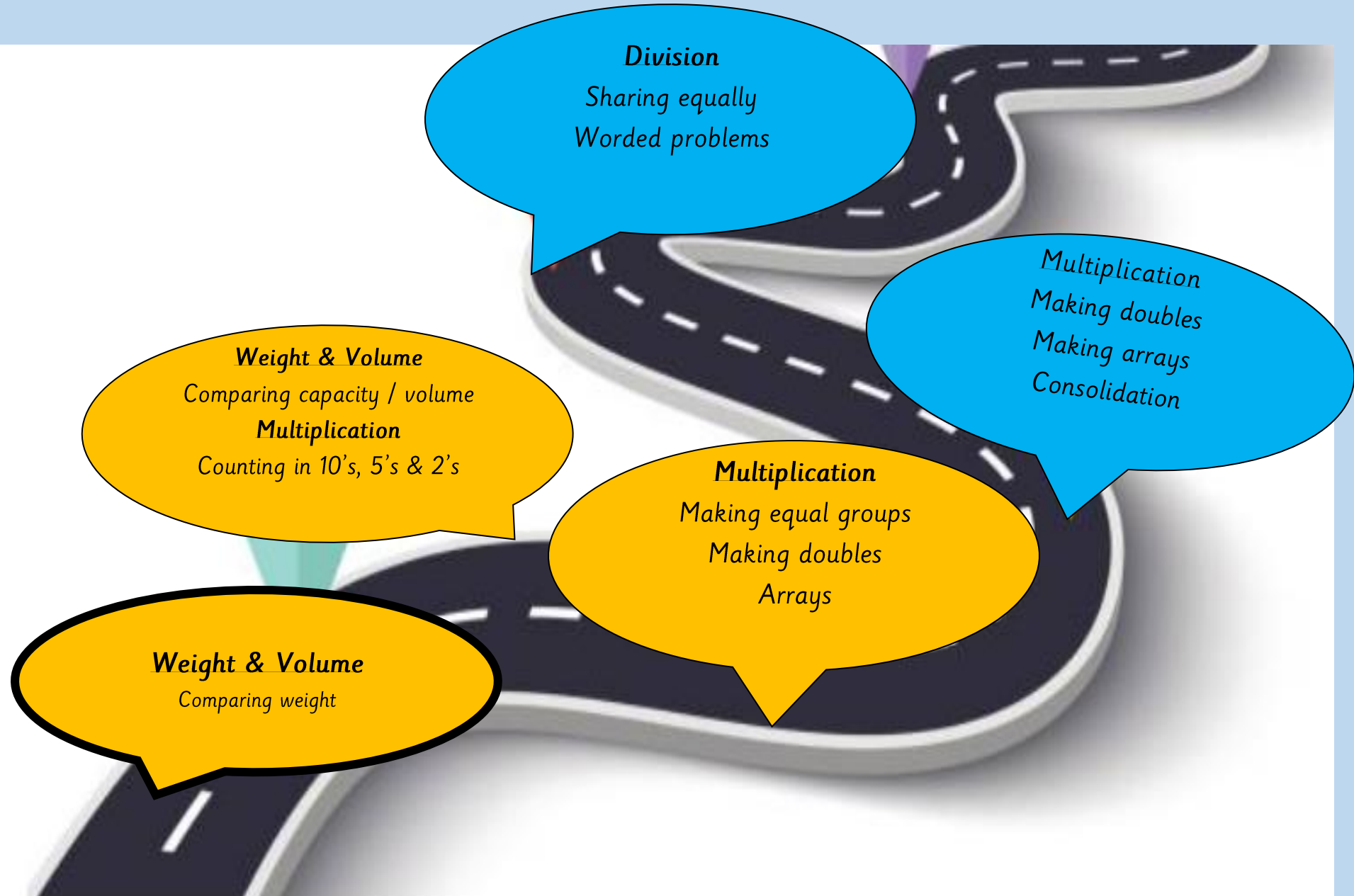


Monday 09th March 2026

Our Maths Learning Journey

Key vocabulary:
measure weight,
capacity, volume,
2's, 5's, 10's,
pattern, sequence,
counting, groups,
pair, unequal,
share





3 How many chocolates are in each row and column?



How many chocolates are in each box?

a)



b)



c)



There are chocolates in a row.

There are chocolates in a column.

There are chocolates in the box.

I will count up using the rows.



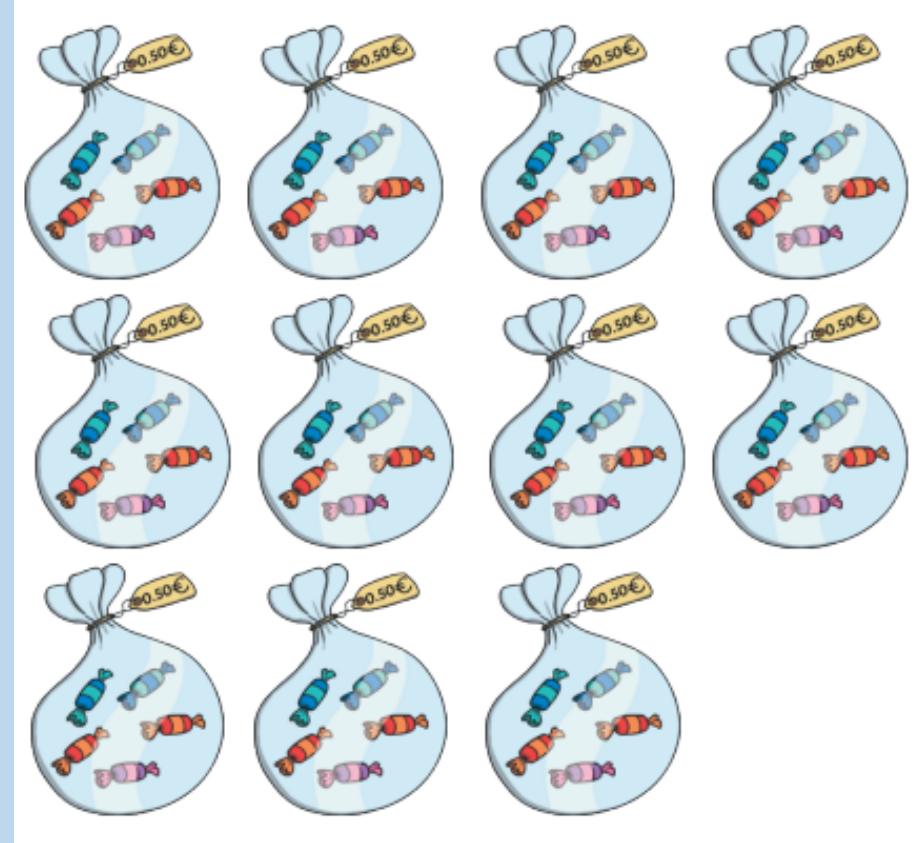
I wonder whether I will get the same answer if I count up using the columns.



L.Q. Can I count in 2's and 5's?

Recap

Can we count in 2's and 5's?





L.Q: Can I make doubles?

Steps to success



- *I can find the double of a given number.*
- *I can explain what doubles are, using the appropriate vocabulary.*
- *I can use representations that I am familiar with to show doubles.*



Star words



doubles



groups

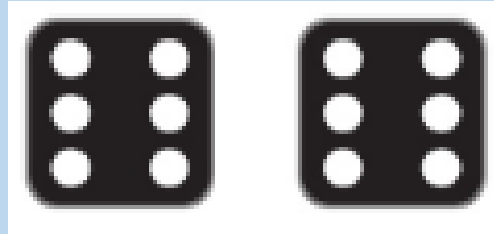


add



total

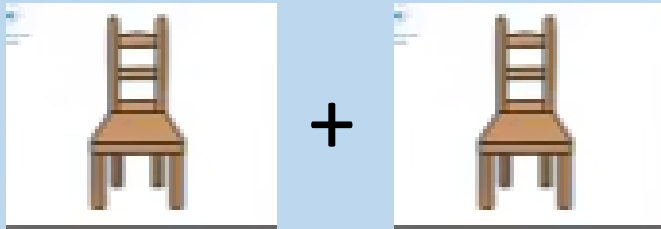




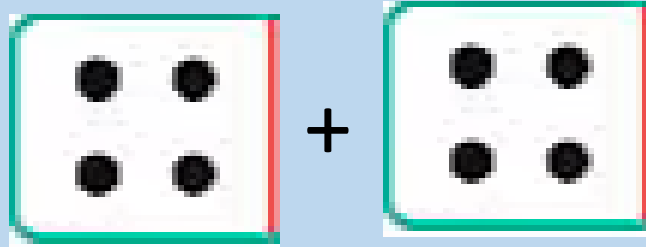
Today we are going to make doubles.

A double is a number or an amount that is twice as large as the given number or amount.

To work out doubles, we add the same number twice. We use the addition symbol (+).



Double 1 is 2



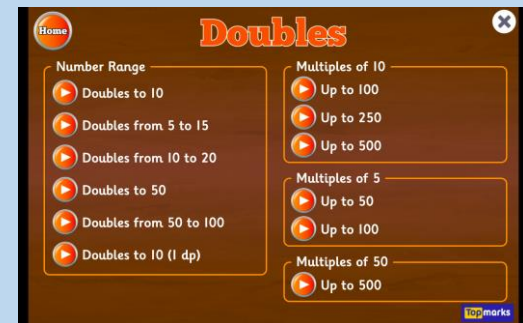
Double 4 is 8

2 + _____

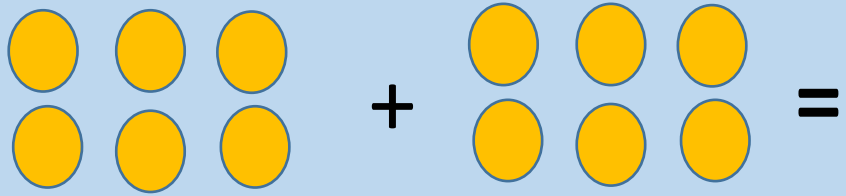
TP: What is double 2?

TP: Double 2 is _____
Because 2 + _____ = _____

<https://www.topmarks.co.uk/maths-games/hit-the-button>

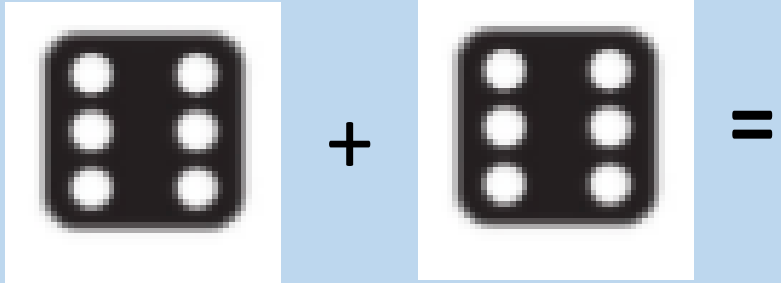


Counting
objects



Double 6

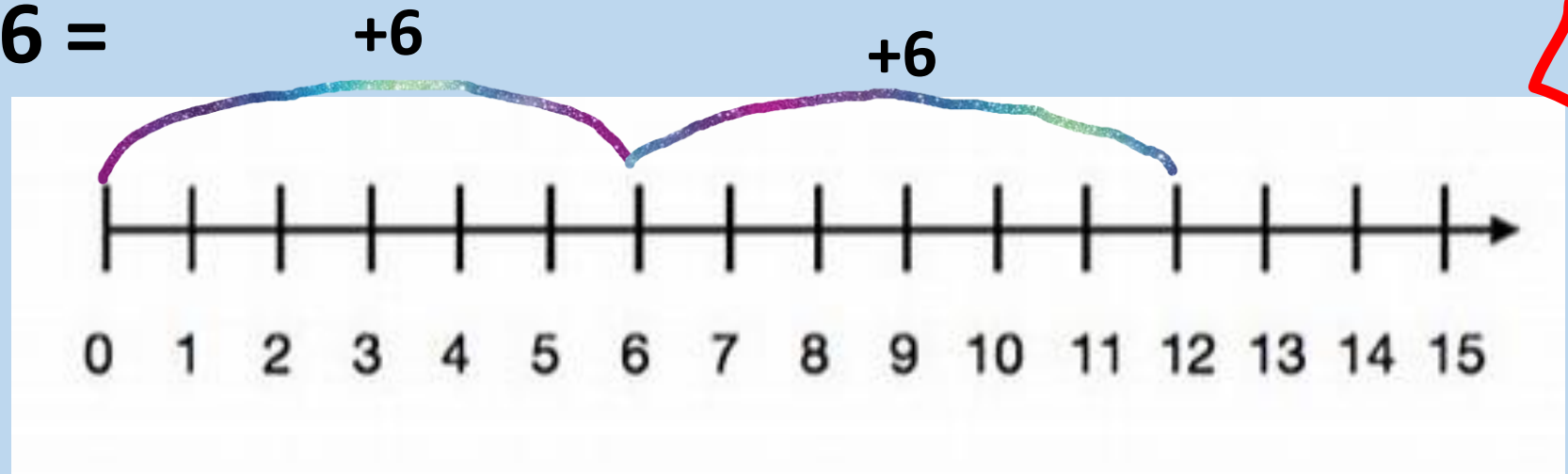
A dice



Number
sentence

Number line

$6+6 =$

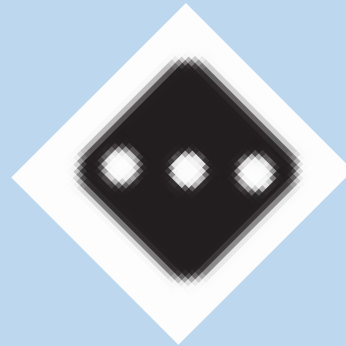


Let's explore different ways to find doubles.

Let's play a game. I will roll the dice and count the concrete objects to match the number. You will help me to double it. Then you will draw the dots for the number that is rolled and double it.

Challenge: Can you write the number sentence to match.

TP: Double _____ is _____



Children will need a whiteboard and a pen to practise.

Adult to model drawing pictorial and abstract representations (number sentence).

Self assessment

Do you understand how to make doubles?

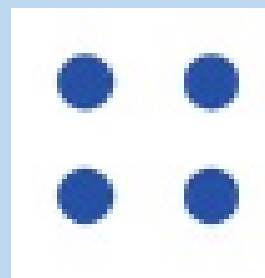
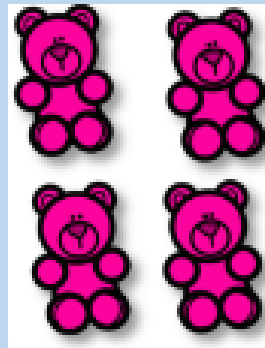
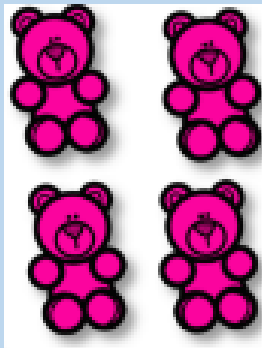


Your task

Practical activity!

In partners, roll the dice and count concrete objects to match the number rolled. Then double it. To challenge yourself, draw the objects and write the number sentence to match.

Example:



$$4 + 4 = 8$$

Self assessment

Do you understand the task?



Tuesday 10th March 2026

Can we count in 10's?

<https://www.baamboozle.com/game/467180>





L.Q: Can I make doubles?

Steps to success



- I can find the double of a given number.*
- I can explain what doubles are, using the appropriate vocabulary.*
- I can use representations that I am familiar with to show doubles.*



Star words



doubles



groups



add



total

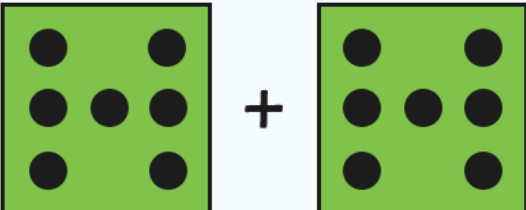


[https://whhttps://www.youtube.com/watch?v=At0quRa90rsww.youtube.com/watch?v=Ik_-OAgzD-8](https://www.youtube.com/watch?v=At0quRa90rsww.youtube.com/watch?v=Ik_-OAgzD-8)




Double _____ is _____


*TPs: What do you remember about doubles?
How can we show our work?*



$7 + 7 = 14$

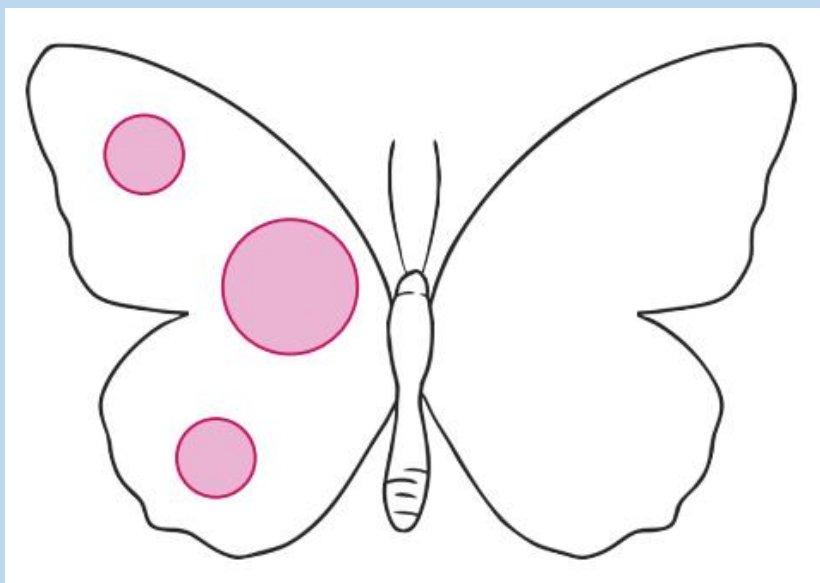


+ =



+ =

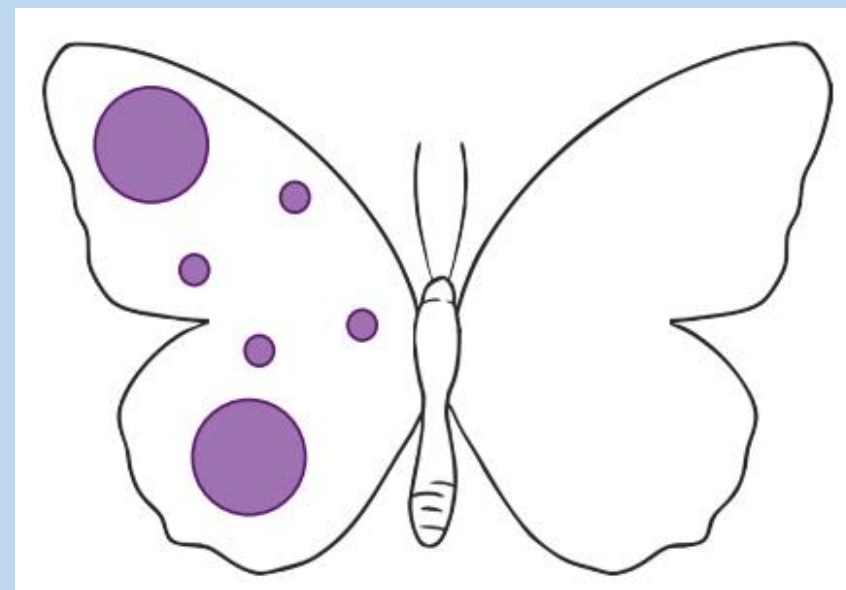
Let's count the dots on the butterfly's wings.
What is the double?



Double _____ is _____

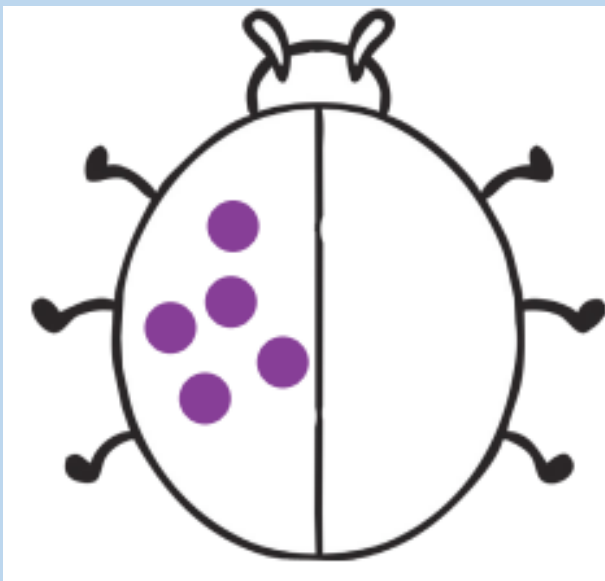
$$\square + \square = \square$$

Let's count the dots on the butterfly's wings.
What is the double?



$$\square + \square = \square$$

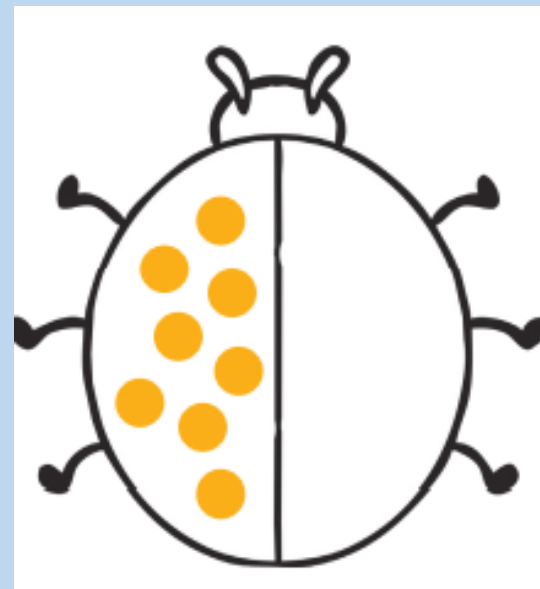
Let's count the dots on the ladybugs back.
What is the double?



Double _____ is _____

$$\square + \square = \square$$

Let's count the dots on the ladybugs back.
What is the double?



$$\square + \square = \square$$

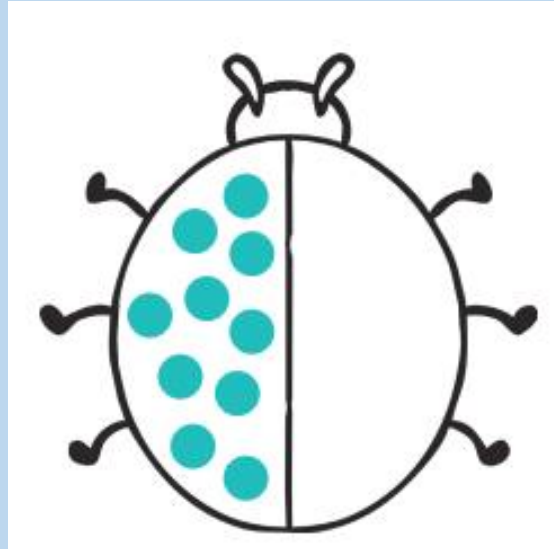
Let's count the dots on the ladybugs back.
What is the double?



Double _____ is _____

$$\square + \square = \square$$

Let's count the dots on the ladybugs back.
What is the double?



$$\square + \square = \square$$

Self assessment

Do you understand how to make
doubles?





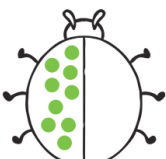
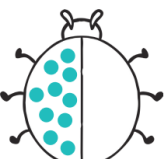


Your task

Practical activity!

Count the dots on each ladybug. Draw dots on the blank side to double it. Use the stem sentence to explain your work.

Ladybird Doubles

 Double 5 is _____	 Double 6 is _____
 Double 7 is _____	 Double 8 is _____
 Double 9 is _____	 Double 10 is _____

Challenge:

Can you write the number sentence to match?

Double _____ is _____

I know this because _____ + _____ = _____

Self assessment

Do you understand the task?



Wednesday 11th March 2026

How many shoes are there?

Count in 2's.

How many groups are there?

Let's circle the groups.

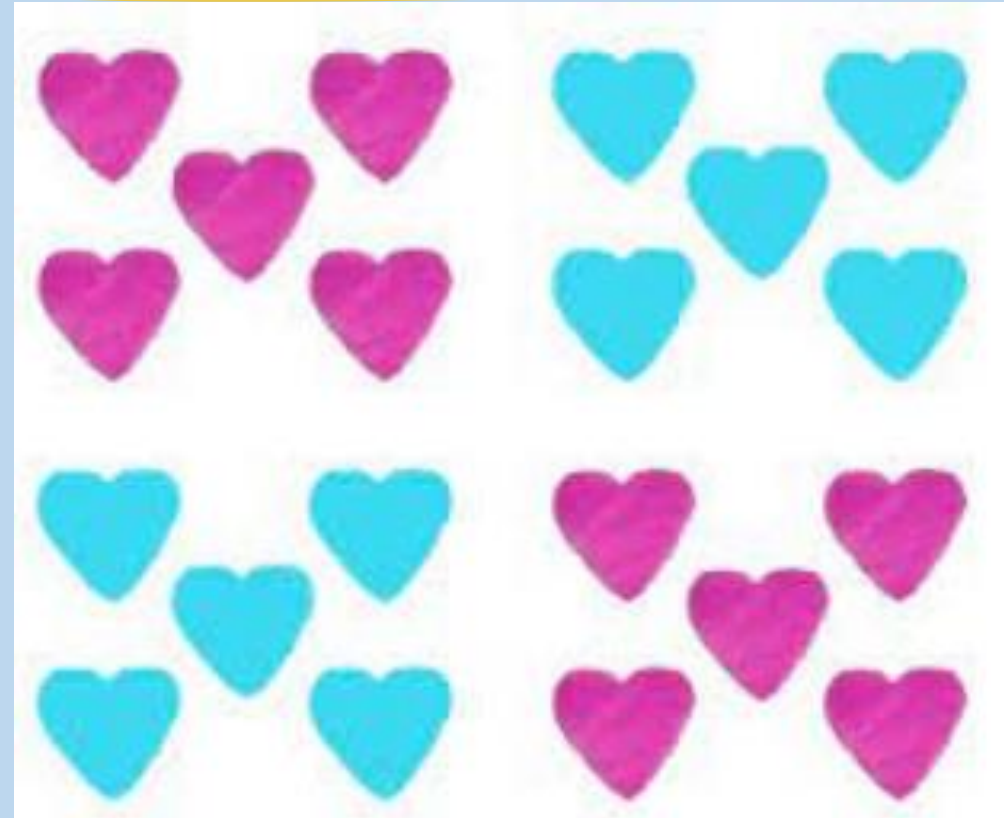


How many hearts are there?

Count in 5's.

How many groups are there?

Let's circle the groups.





L.Q. Can I make doubles?

Steps to success



I can find the double of a given number.

I can explain what doubles are, using the appropriate vocabulary.

I can use representations that I am familiar with to show doubles.



Star words



doubles



groups



add

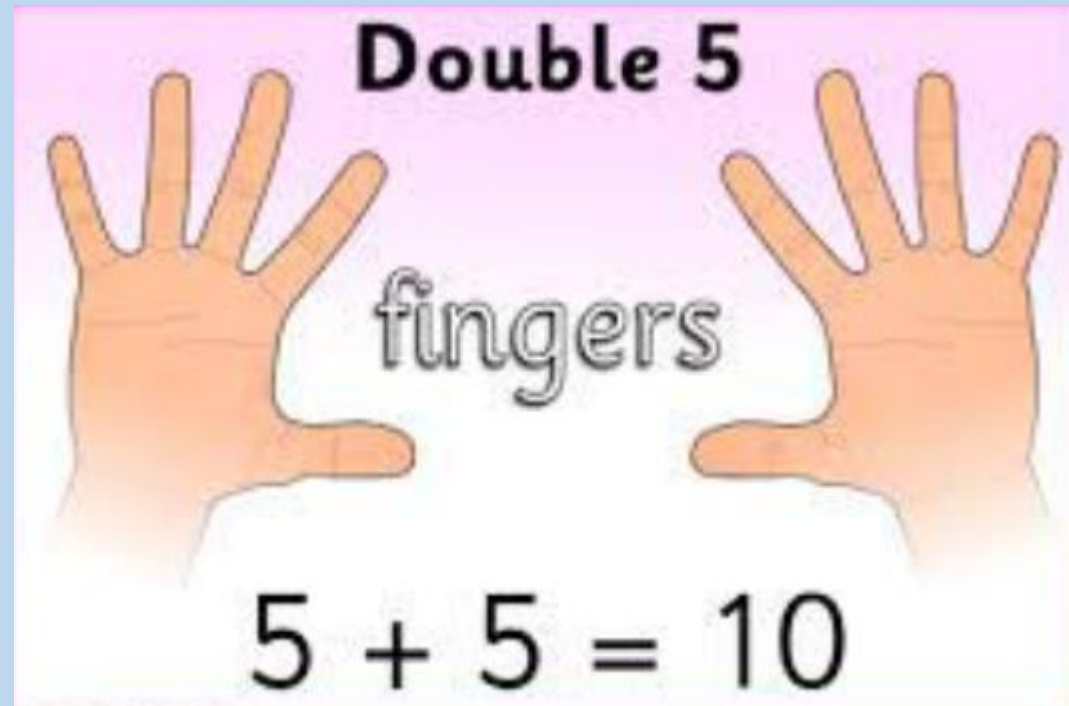


total



Let's make doubles using our fingers on both hands.

Show me double...



Discover

If you roll 2 dice with the same number it is called a **double**.

Tariq

Abbie



1 2 3 4 5 6 7 8 9 10

TPs: Who rolled doubles?
What is double 4?

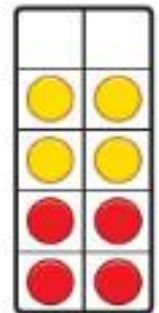
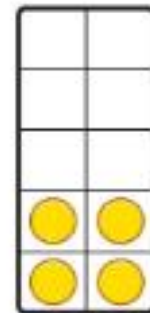
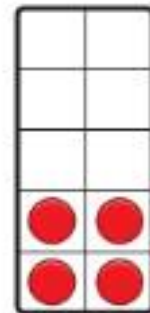
Share

I drew a picture to find the double.

I added to find the double.

a) Tariq rolled a double.

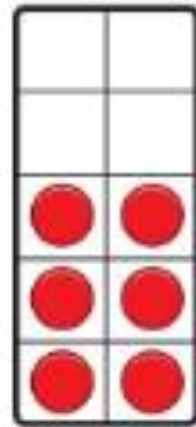
Double 4 is two groups of 4.



4 + 4 = 8 Double 4 is 8.

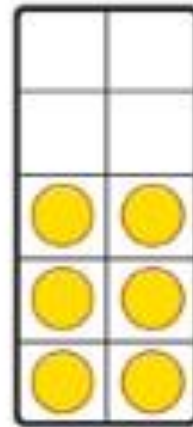
What is double 6?

b) Double 6 is two groups of 6.



6

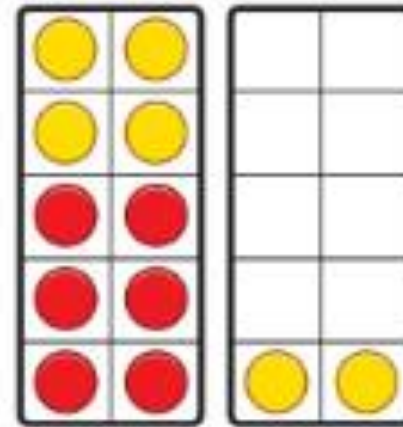
+






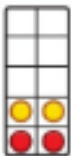



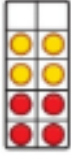



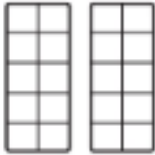
6

=

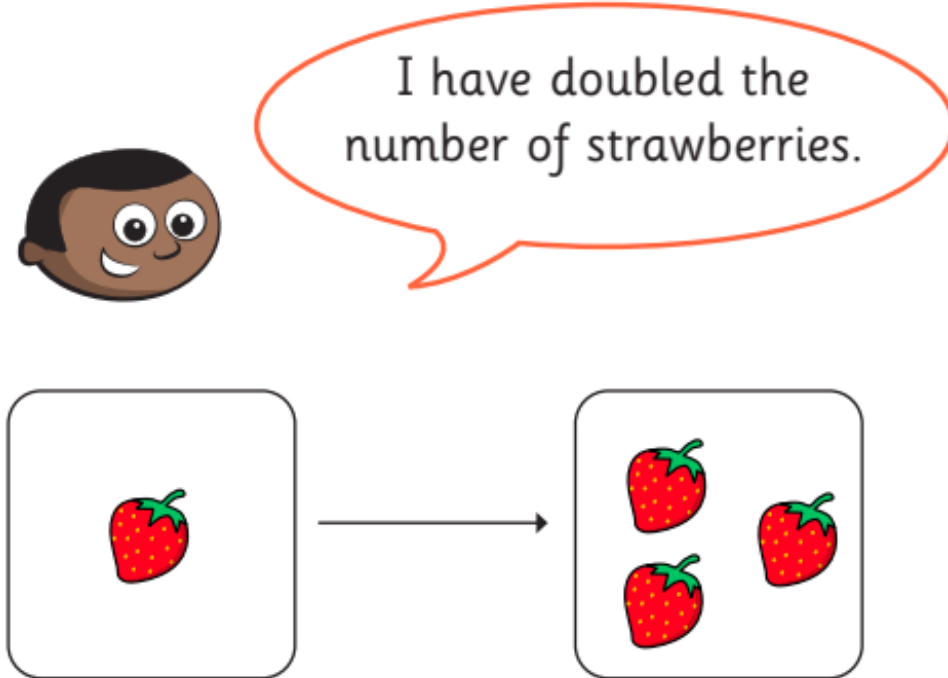
12



Double 6 is 12.

Number	Double	
		$1 + 1 = 2$
		$2 + 2 = \square$
		$3 + 3 = \square$
		$4 + \square = \square$
		$\square + \square = \square$
		$6 + 6 = 12$

Let's complete this table together.



I have doubled the number of strawberries.

Do you agree with Mo? _____

Talk about it with a partner.

Yes, he is correct because _____.



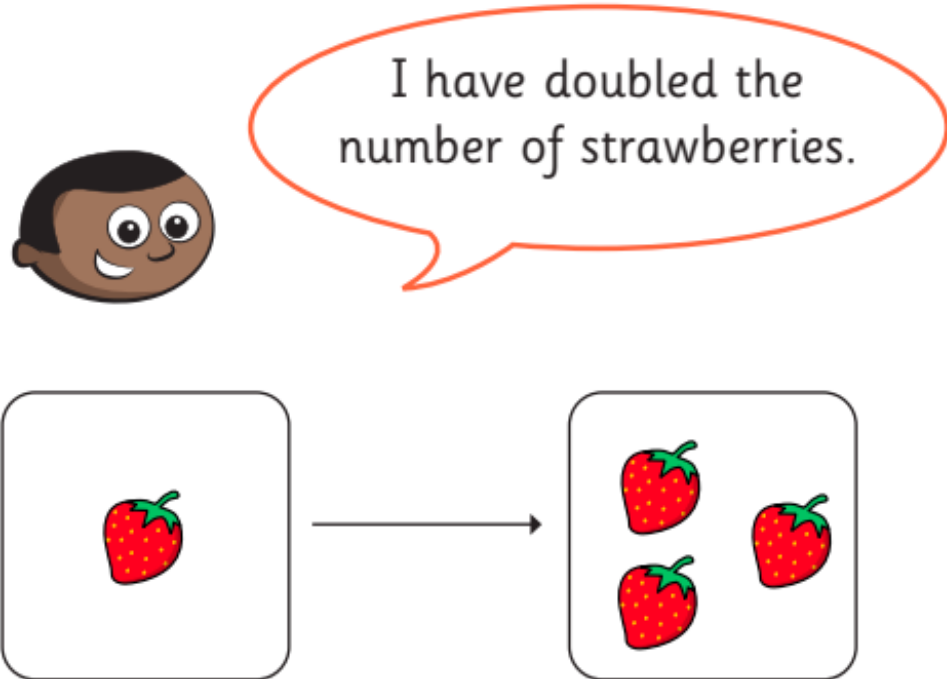
No, he is incorrect because _____.



Self assessment

Do you understand the reasoning task?



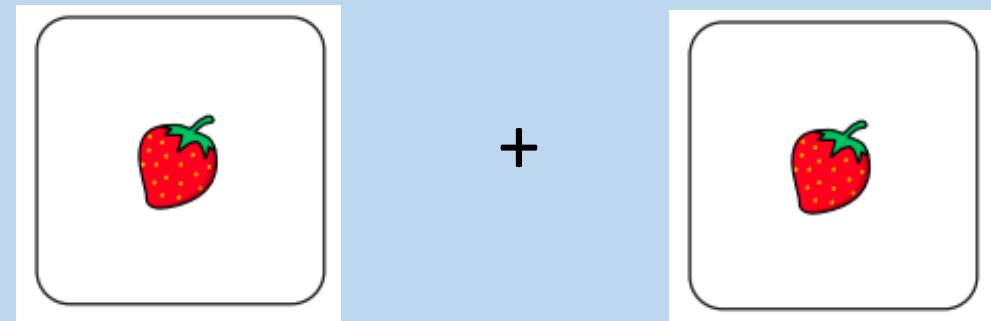


I have doubled the number of strawberries.

Do you agree with Mo? _____

Talk about it with a partner.

No, he is incorrect because **double 1 is 2.**



Your task

1.

Find and draw the double for these numbers.

3 5 8 9 13

Explain your work using the stem sentence.

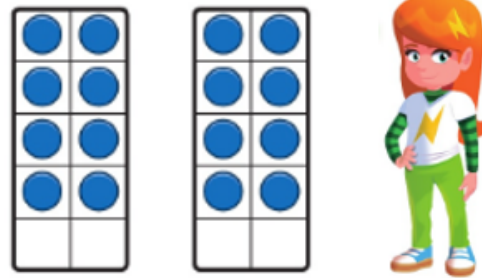
Stem Sentence:

Double ____ is ____

Challenge: Show your working out using number sentences.

2.

Astrid says double 8 is 16.
Is she correct? Explain how you know.



Stem Sentence:

Yes, she is correct because...

No, she is incorrect because...

3.

On Monday Miss Clarke ate 6 sweets.

On Tuesday, she ate double that amount.



How many sweets did she eat on Tuesday?

Today I played a game with a partner. I took turns to roll a dice and counted the corresponding number of objects. Then I doubled it and counted the total. I used the stem sentence 'Double ____ is ____' to explain my work.

Self assessment

Do you understand the tasks?



Thursday 12th March 2026

Recap

Work out the doubles for the following numbers.

Use your fingers to help you.

3 5 2 4



L.Q. Can I make simple arrays?

Steps to success



I can recognise arrays as equal groups.

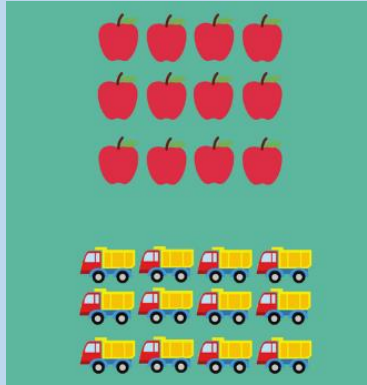
I know that arrays have rows and columns.

I can explain arrays can be read in two ways.

Star words



arrays

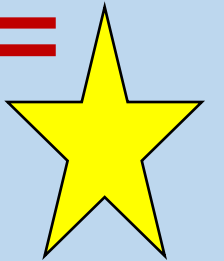
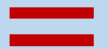


groups

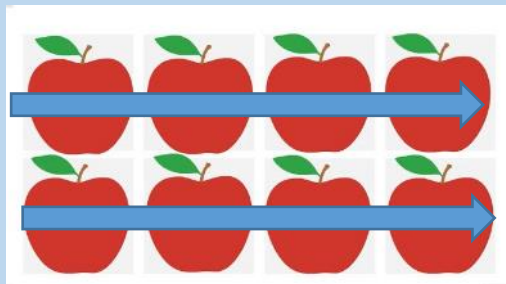


addition

total



rows



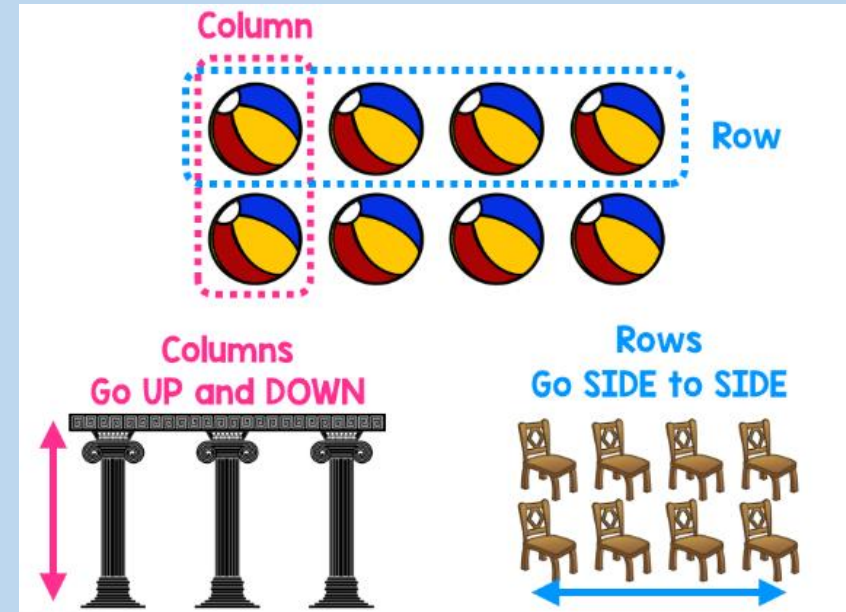
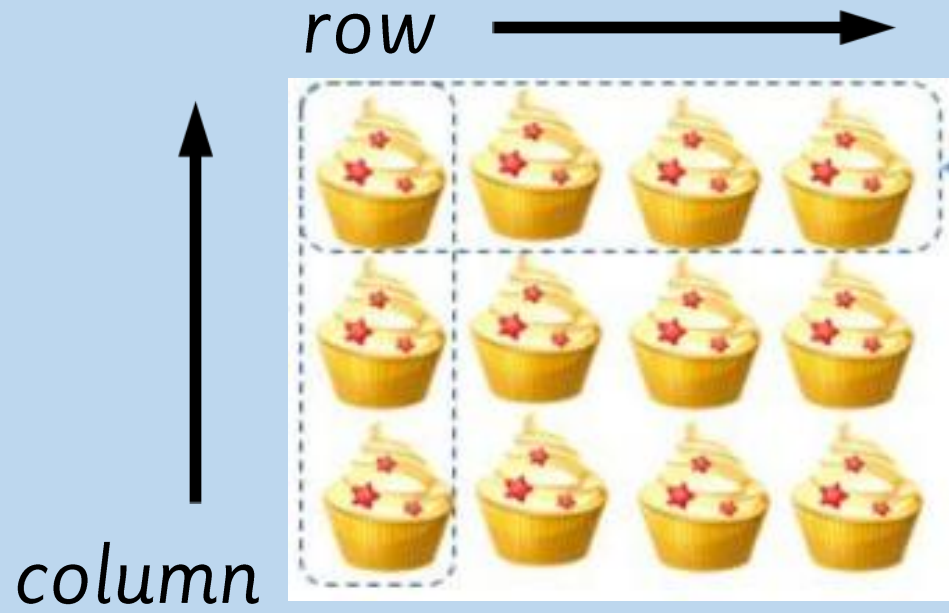
columns



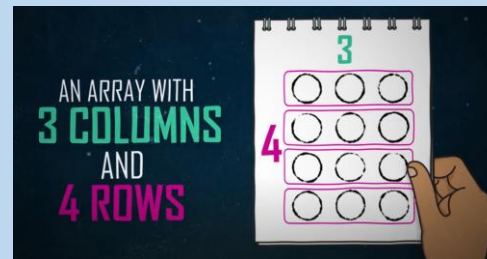
repeated addition



TP's: What do you notice?

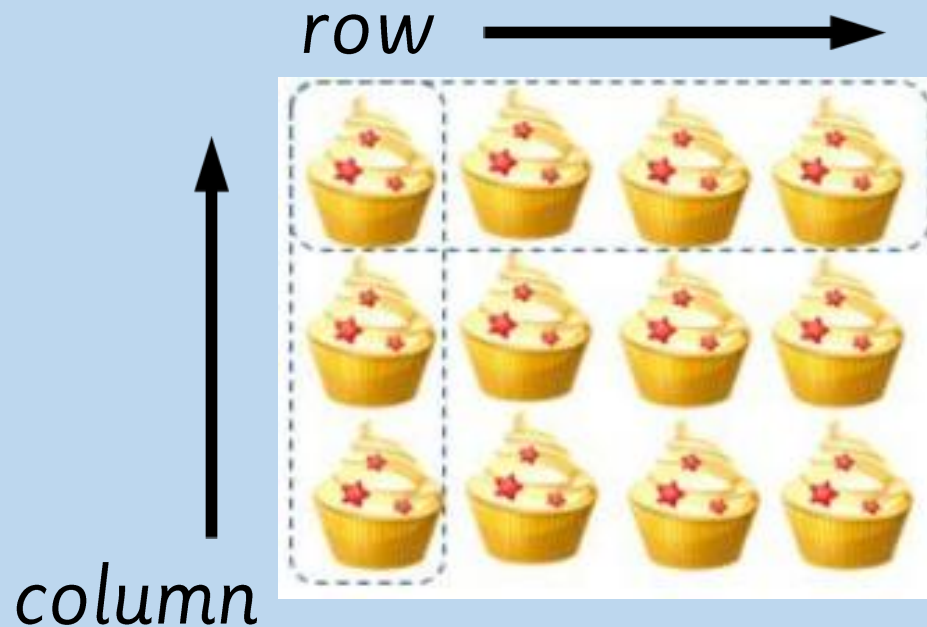


<https://www.youtube.com/watch?v=gzFbUZ8VjEg>



This is called an **array**.

Array means when pictures or objects are arranged in **rows** and **columns**. They can help us to count objects more efficiently (without making silly mistakes).

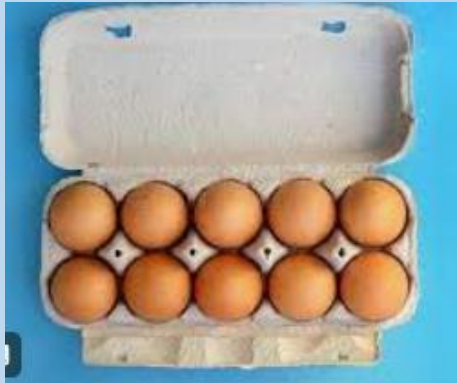


Self assessment

Do you understand what array mean?



In the real world there are arrays all around us.



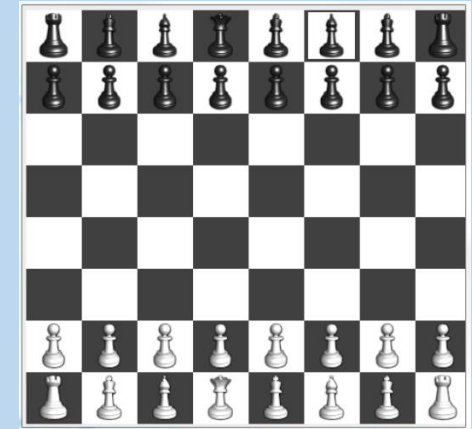
Egg box



Chocolate box



Chocolate bar



Chess board



Ice cube tray



Window panes



Cake tray

TP's: What do you notice?

They are in rows and columns.

TP's: How many rows?

How many columns?

How many stars are there altogether?

There are 5 rows of 5 stars.

There are 5 columns of 5 stars.

We can show this as:

$$5+5+5+5+5=25$$

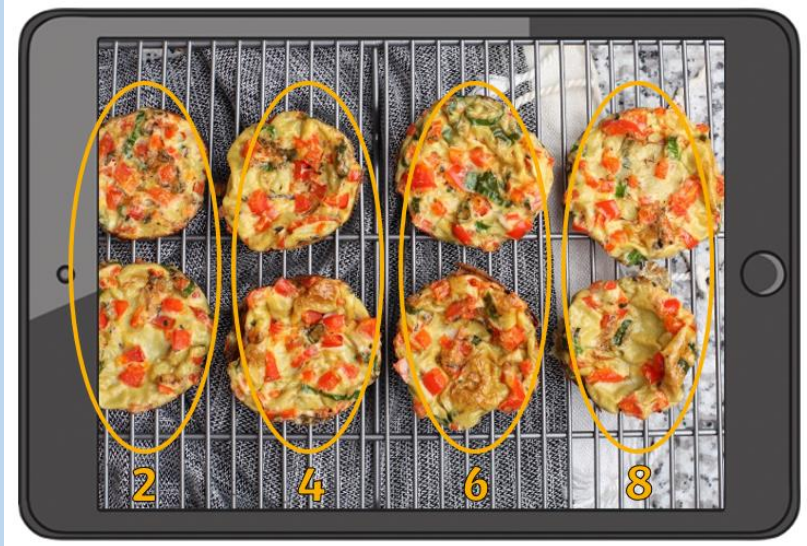
This is called a repeated addition. Repeated addition is adding lots of equal groups together.

Remember: You don't need to count every star.
For this one you could count in 5's!



TP's: How many muffins are there?

Instead of counting one by one, we can skip count by twos.



Or count them by four by doubling it.



How many rows? How many columns?

Stem sentence:

There are _____ rows of ___ muffins.

There are _____ columns of ___ muffins.

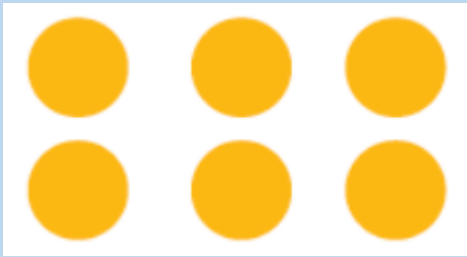
There are 2 rows of 4 muffins.

There are 4 columns of 2 muffins.

We can show this as:

$4+4=8$ or as repeated addition $2+2+2+2+=8$

Let's practise making arrays with the counters or cubes. Remember to arrange them neatly in rows and columns (evenly spaced out) so we can count them efficiently.



2 groups of 3: $3+3=6$

or

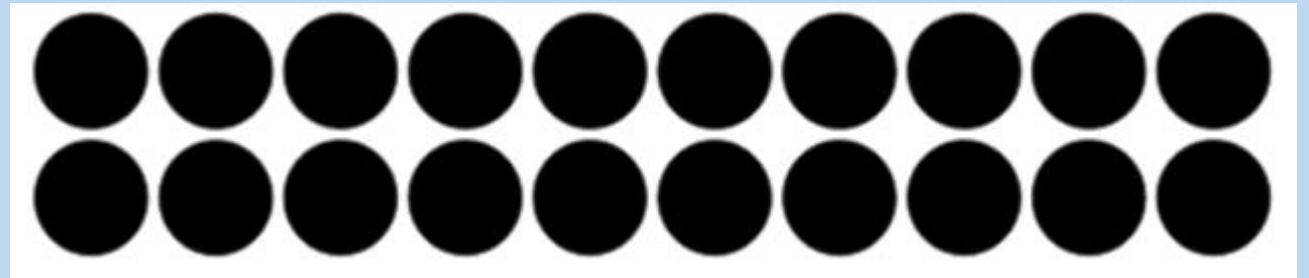
3 groups of 2: $2+2+2=6$



5 groups of 3: $3+3+3+3+3=15$

or

3 groups of 5: $5+5+5=15$



2 groups of 10: $10+10=20$

or

10 groups of 2: $2+2+2+2+2+2+2+2+2+2=20$

Challenge: What will the number sentences look like for each one?

Your task

Practical activity!

Work with a partner and make simple arrays for the following numbers. Use counters or cubes and tell your partner how many rows and columns there are. Explain how many counters are in each row and each column.

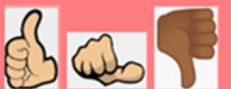
4 6 8 10 12 15 20 30



Remember to arrange the concrete objects neatly in rows and columns evenly spaced out.

Self assessment

Do you understand the task?



Friday 13th March 2026

Let's make doubles

<https://www.youtube.com/watch?v=OYWclXKzOJo>

The graphic features a dark blue background with the word "DOUBLES" in large, bold, yellow letters with a black outline. Below it, the text "by NUMBEROCK" is written in white. Surrounding the central text are several double addition equations in white: $2+2=4$, $9+9=18$, $3+3=6$, $1+1=2$, $11+11=22$, $10+10=20$, $4+4=8$, $7+7=14$, and $5+5=10$.

DOUBLES
by NUMBEROCK

$2+2=4$ $9+9=18$ $3+3=6$ $1+1=2$
 $11+11=22$ $10+10=20$ $4+4=8$
 $7+7=14$ $5+5=10$



L.Q. Can I make simple arrays?

Steps to success



I can recognise arrays as equal groups.

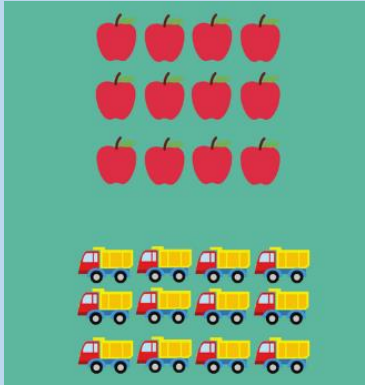
I know that arrays have rows and columns.

I can explain how arrays can be read in two ways.

Star words



arrays

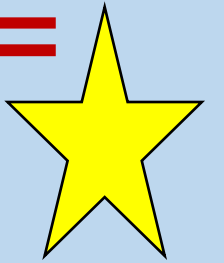
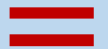


groups

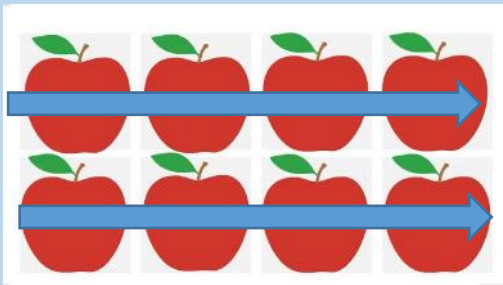


add

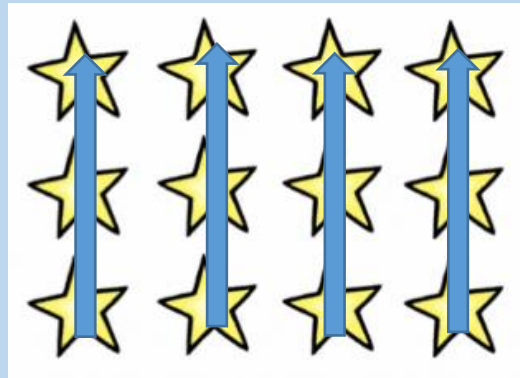
total



rows



columns

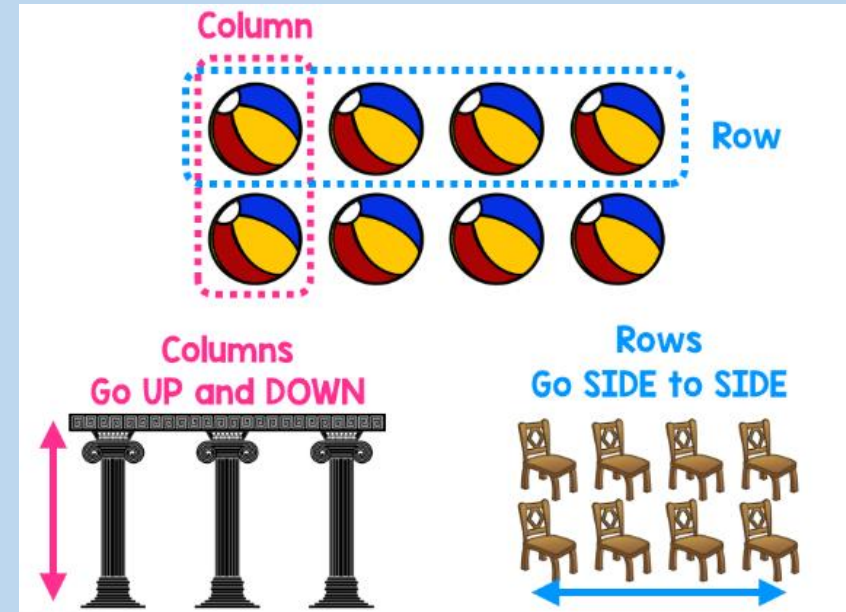
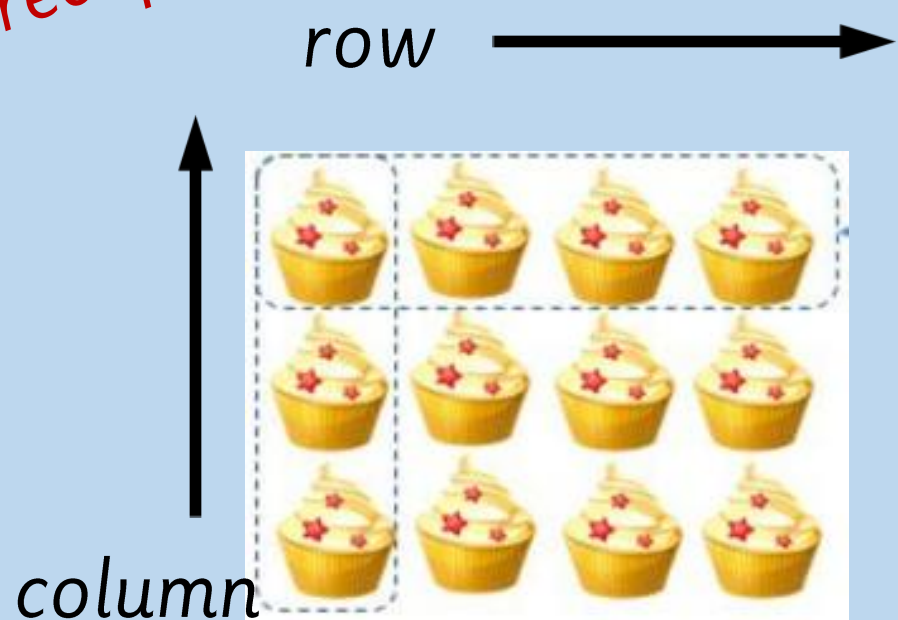


repeated addition

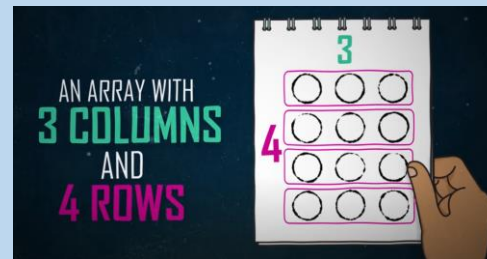



TP's: What do you remember about arrays?

Let's recap



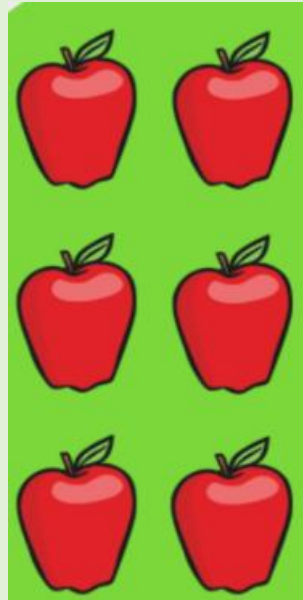
<https://www.youtube.com/watch?v=gzFbUZ8VjEg>





How many rows?

How many apples in each row?

Write the number sentence to match.




How many columns?

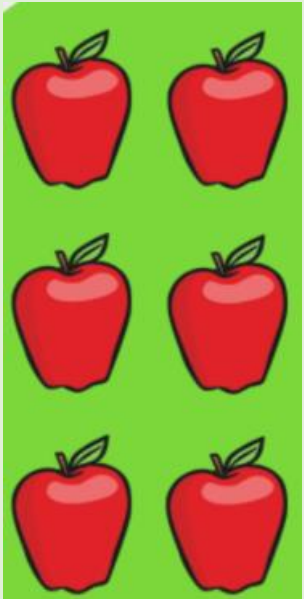
How many apples in each column?

Write the number sentence to match.



3 rows of 2 apples

$$2+2+2=6$$



2 columns of 3 apples

$$3+3=6$$



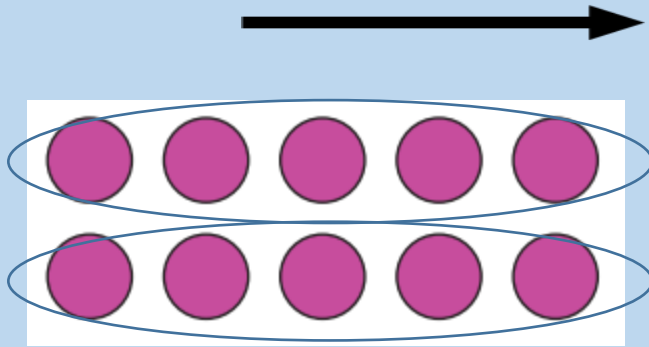
Do you notice any number patterns?

Self assessment

Do you understand how to read arrays?



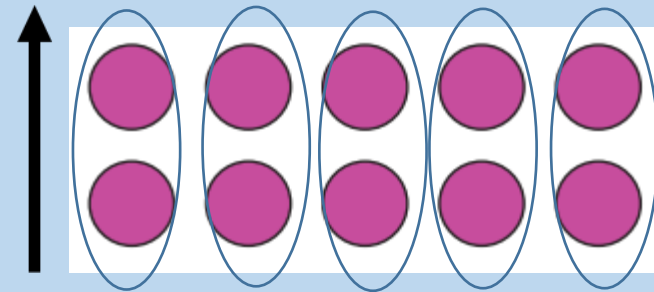
TPs: How many rows?



There are ___ rows.
There are ___ counters in each row.

2 rows of 5 counters
 $5+5=10$

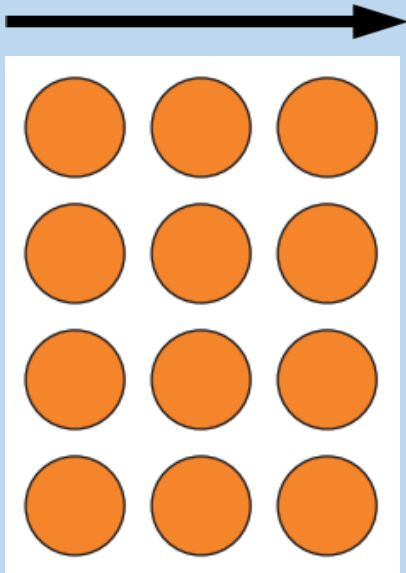
TPs: How many columns?



There are ___ columns.
There are ___ counters in each column.

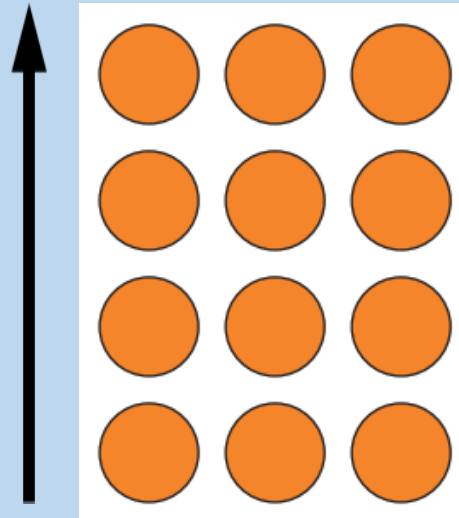
5 columns of 2 counters
 $2+2+2+2+2=10$

TPs: How many rows?



There are ___ rows.
There are ___ counters in each row.

TPs: How many columns?



There are ___ columns.
There are ___ counters in each column.

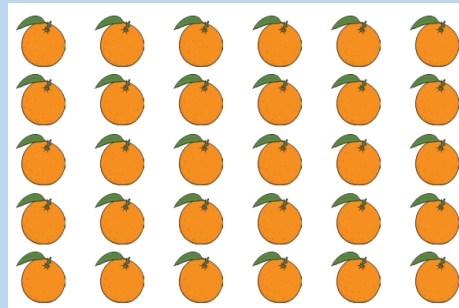
Your task

Practical activity!

Make simple arrays for any of the following numbers with counters or cubes and explain how many counters there are in each row and each column. Explain to your friend how many you have altogether.

4 6 9 10 12 15 18 20 25 30

Challenge: Can you write the number sentences to match?



Self assessment

Do you understand the task?

