

Maths Sessions

Week beginning 11th January

On this document you will find all the links and documents needed for this weeks Maths sessions.

Maths is a collaborative subject and best learnt through discussion, pause the videos as you watch them to talk about what is being taught and to check that you child understands.

Try to ask your children why and what if questions as they work through the activities.

When tasks are completed, please use PurpleMash to email these to the appropriate teacher for marking and feedback.

Monday 11th January

First, let's warm up by practising these questions.
Remember to make jottings (do drawings) if you need to).

Flashback 4

Year 2 | Week 11 | Day 1

- 1) Tommy buys a pineapple and a pear.
He pays with a £1 coin.
How much change will he receive?



- 2) Write $<$, $>$ or $=$ to compare the amounts.



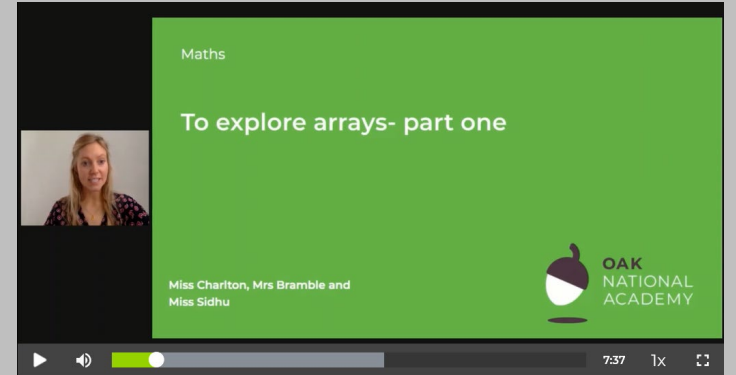
3) $26 + 15 = \square$

- 4) Which show one half?



Today we are going to be learning about arrays.

Click the link to watch the video.



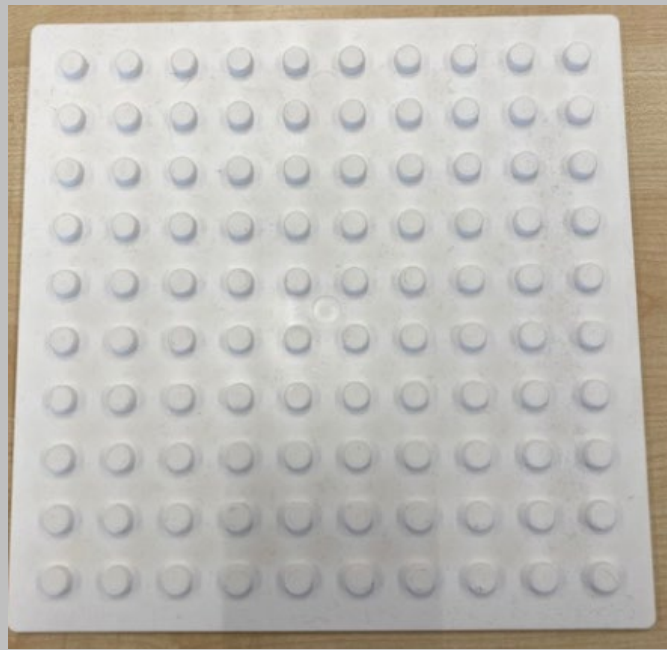
<https://classroom.thenational.academy/lessons/to-explore-arrays-part-1-6mvmcd>

Check the next slide for an activity to do...

Have a look around your house and see if you can find any arrays and talk about what they represent.

Remember the rows and columns should be equal.

Here are some I found at school:



10 groups of 10



5 groups of 6



3 groups of 2

When you find some please email them to Mrs Jones on PurpleMash with sentences of what you have found.

Want an extra challenge?

Log on to Mathletics to complete an activity about arrays that you have been set.

<https://login.mathletics.com/>



Tuesday 12th January

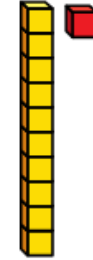
First, let's warm up by practising these questions.
Remember to make jottings (do drawings) if you need to.

Flashback 4

Year 2 | Week 11 | Day 2

1) Complete the sentence.

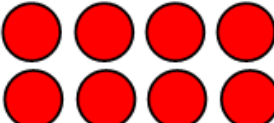
There are ___ equal groups with ___ in each group.



2) Eva buys a toy train and a lollipop.
How much money does she spend?



3) $50 - 10 = \square$

4) Half of 8 is \square 

Today we are going to continue learning about arrays.

Click the link to watch the video.



<https://vimeo.com/490417143>

Check the next slide for an activity to do...

Use arrays

- 1 How many pears are there?



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

$$\square \times \square = \square$$

There are pears.

- 2 How many stars are there?



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

$$\square \times \square = \square$$

There are stars.

- 3 Write two additions and two multiplications for the array.



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

$$\square \times \square = \square$$

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

$$\square \times \square = \square$$

What do you notice?

- 4 Write two multiplications for this array.



$$\square \times \square = \square$$

$$\square \times \square = \square$$



- 5 Draw an array to show 7×3
Complete the number sentence.

$7 \times 3 =$



Is there more than one way to draw the array?

- 6 Draw three different arrays to show 12



- 7 Draw dots to show each multiplication in two ways.

The first one has been done for you.

Multiplication	Array 1	Array 2
3×8		
2×5		
4×9		
6×1		

- 8 Can you see the multiplications 5×4 and 4×5 in the array?



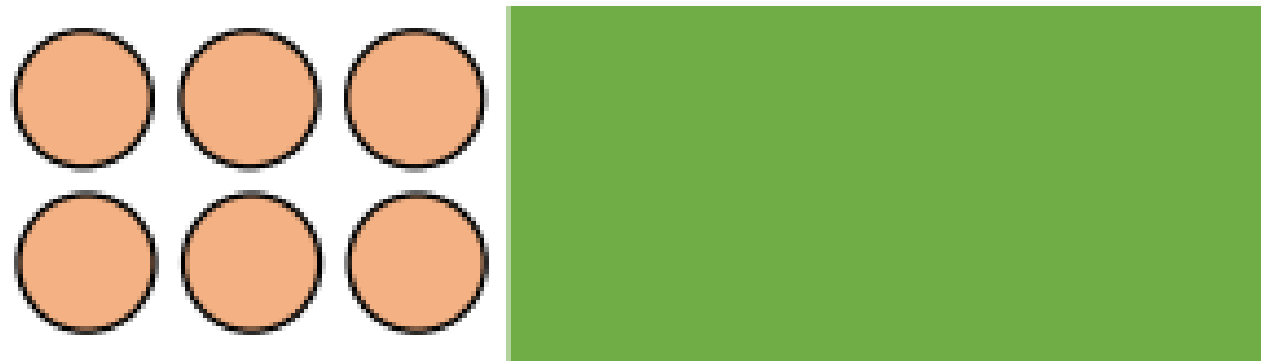
Talk about it with a partner.

*When completed,
photograph and email to
your teacher on PurpleMash.*



Want an extra challenge?

Part of this array is hidden.



The total is less than 16

What could the array be?

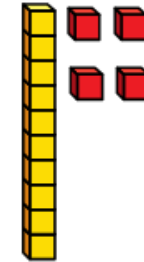
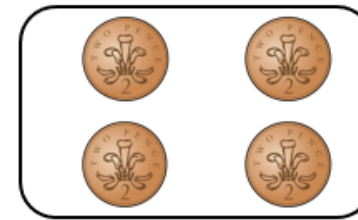
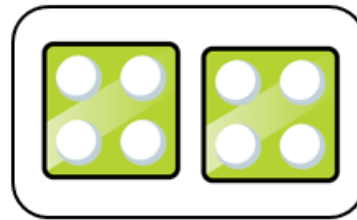
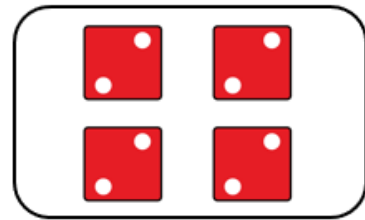
Wednesday 13th January

First, let's warm up by practising these questions.
Remember to make jottings (do drawings) if you need to.

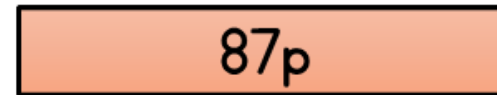
Flashback 4

Year 2 | Week 11 | Day 3

1) Which show 4 equal groups with 2 in each group?

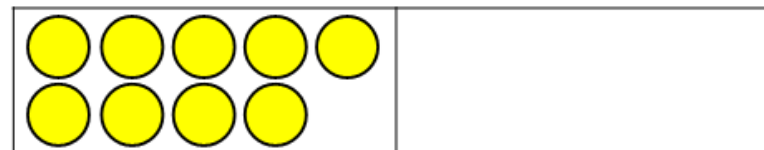


2) Find the difference.



$$43 - 8 = \square$$

4) 9 is half of \square



Today we are going to recap some year 1 work about doubling because it will help us with our 2 times tables.

Click the link to watch the video.

<https://vimeo.com/490420115>



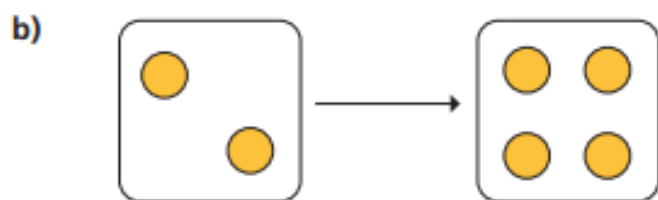
Check the next slide for an activity to do...

1 Complete the sentences.

Use the pictures to help you.



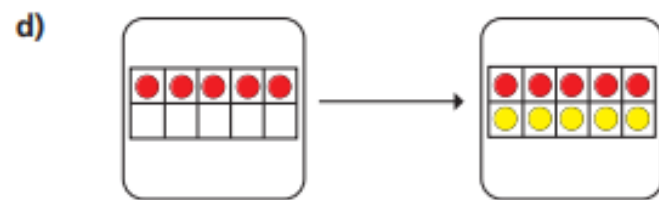
Double 1 is



Double 2 is



Double is



Double is

2 Match the doubles to the additions.

Double 3

6 + 6

Double 6

7 + 7

Double 10

3 + 3

Double 7

10 + 10

3 Fill in the gaps.

a) Double 15 is

b) Double 11 is



d)

Double is

2 Match the doubles to the additions.

Double 3	$6 + 6$
Double 6	$7 + 7$
Double 10	$3 + 3$
Double 7	$10 + 10$

3 Fill in the gaps.

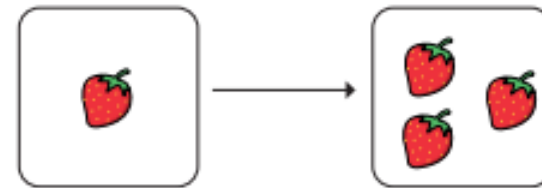
- a) Double 15 is
- b) Double 11 is

- c) Double 12 is
- d) Double 20 is
- e) Double is 8
- f) Double is 16

4



I have doubled the number of strawberries.



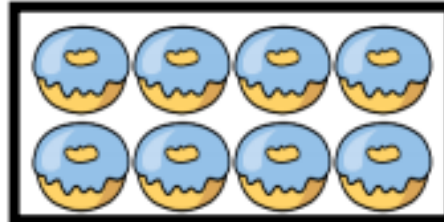
Do you agree with Mo?

Talk about it with a partner.

When completed, photograph and email to your teacher on PurpleMash.

Want an extra challenge?

Louise doubles her donuts. The picture shows what she had after she doubled her donuts.



Whitney



Louise started with 4 and ended with 8 donuts.

Eva



Louise started with 8 and ended with 16 donuts.

Mo



Louise started with 2 and ended with 4 donuts.

Who do you agree with? Explain why.

Thursday 14th January

First, let's warm up by practising these questions.
Remember to make jottings (do drawings) if you need to.

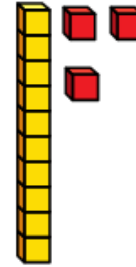
Flashback 4

Year 2 | Week 11 | Day 4

- 1) Copy and complete the sentence.



There are ___ equal groups with ___ in each group.

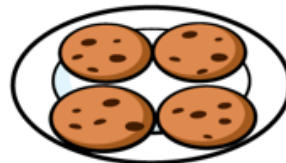


- 2) Mo has £2 and he spends 67p.
How much change does Mo get?



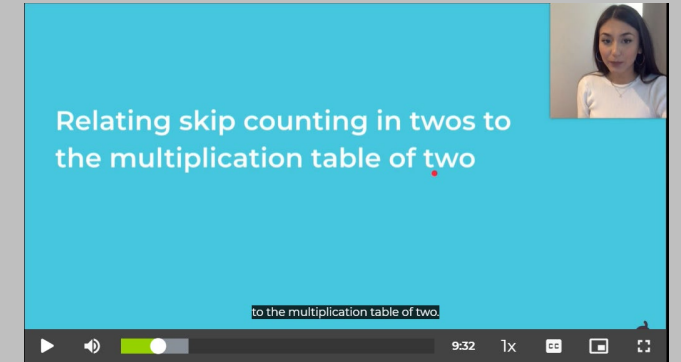
3) $45 + \square = 100$

4) \square is half of 4



Today we are going to be learning our 2 times tables.

Click the link to watch the video.









<https://classroom.thenational.academy/lessons/calculating-multiplications-of-two-by-skip-counting-6th6cd>

Check the next slide for an activity to do...

Independent Task

We are selling sweets at the school fair. Each sweet costs 2p.

Create the price list for the sweets sold at the school fair.

Number of sweets	Number of two pence coins	Multiplication equation
		$1 \times 2p = 2p$
		$2 \times 2p = 4p$
		$3 \times 2p = 6p$
		$4 \times 2p = \quad p$

Can you see the connection between multiplying by 2 a doubling?

When completed, photograph and email to your teacher on PurpleMash.

Want an extra challenge?

Complete the number sentences.

a) $3 \times 2 = \square$

f) $\square = 12 \times 2$

b) $\square = 9 \times 2$

g) $2 \times \square = 2$

c) $2 \times 5 = \square$

h) $2 \times 0 = \square$

d) $2 \times \square = 4$

i) $14 = 2 \times \square$

e) $12 = \square \times 2$

j) $\square \times 2 = 22$

Teddy has £8

Rosie has twice as much money as Teddy.

How much money does Rosie have?

Rosie has £



You can log on to Times Tables Rock Stars to practise your times tables.

<https://ttrockstars.com/>

Friday 15th January

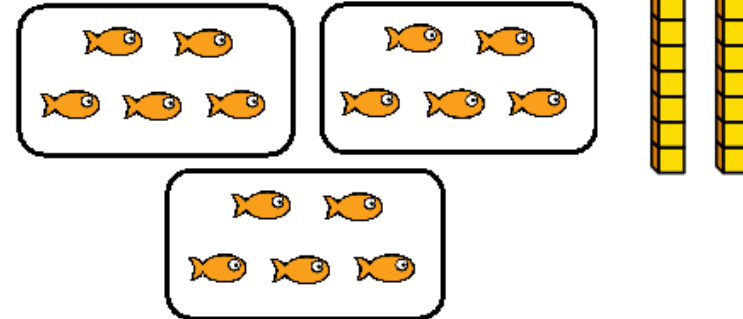
First, let's warm up by practising these questions.
Remember to make jottings (do drawings) if you need to.

Flashback 4

Year 2 | Week 11 | Day 5

- 1) What multiplication is shown?

$$\square \times \square = 15$$



- 2) Alex buys a t-shirt and a cap.

She pays with a £10 note.

How much change does she get?



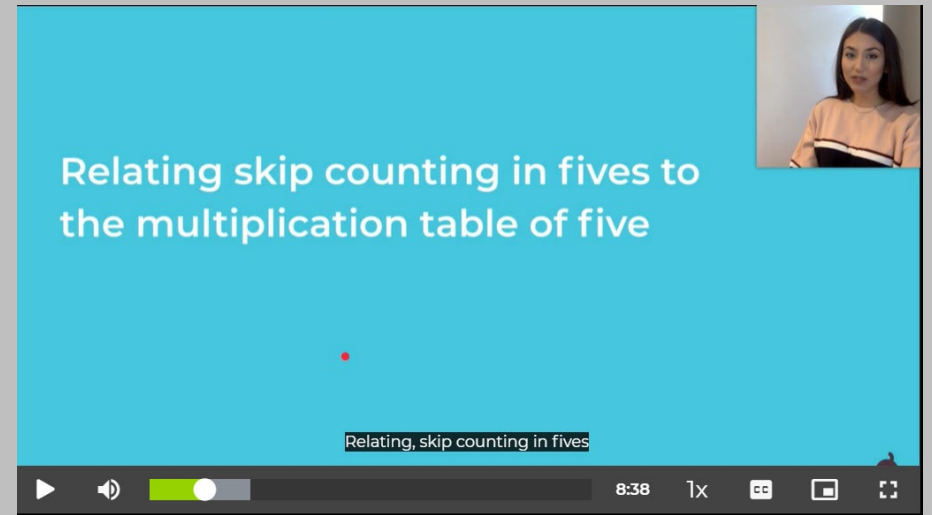
- 3) Use $<$, $>$ or $=$ to compare the amounts.

$$6 + 2 + 3 \bigcirc 7 + 3 + 3$$

- 4) Half of 10 is

Today we are going out 5 times tables.

Click the link to watch the video.



<https://classroom.thenational.academy/lessons/calculating-multiplication-of-fives-by-skip-counting-70r3cd>



Check the next slide for an activity to do...

Independent Task

We are selling cookies at the school fair.

Each cookie costs 5p.

Create the price list for the cookie sold at the school fair.

Number of cookies	Number of five pence coins	Multiplication equation
		$1 \times 5p = 5p$

When completed, photograph and email to your teacher on PurpleMash.

Want an extra challenge?

Tubes of tennis balls come in packs of 2 and 5

Whitney has 22 tubes of balls.

How many of each pack could she have?

How many ways can you do it?



You can log on to Times Tables Rock Stars to practise your times tables.

<https://trockstars.com/>