



Week Commencing 18th May

<https://www.bbc.co.uk/bitesize/tags/z7s22sg/year-2-lessons/1>

<https://whiterosemaths.com/homelearning/year-2/>

Maths



After watching the videos and doing the practice activities, have a go at these activities. Depending on your confidence choose Mild, Medium or Spicy. **Adults** we have now attached an answer sheet for all of the activities on this worksheet (year 2 home learning page, week 5, answers).

Remember that these activities are to work from, not on. There is no expectation to complete all of the work or to print worksheets off – children can work on paper if they want to write it down. It is also fine for your child to just say the answer, or for instance, where it says 'circle all of the number bonds' it's fine for them to simply point to them! 😊

Extensions – You may wish to deepen your learning by looking at the worksheets provided by the BBC too.

Monday

Repeated addition and multiplication using the x symbol

<https://www.bbc.co.uk/bitesize/tags/z7s22sg/year-2-lessons/1>

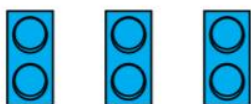
<https://whiterosemaths.com/homelearning/year-2/>

(In school we teach the children that the x symbol means 'equal groups of')

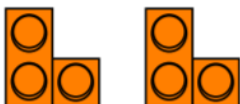
Mild

Building Bricks Multiplication

Can you add the bumps on the building bricks to complete these multiplication calculations?



$$2 + 2 + 2 = \square \quad 3 \times 2 = \square$$



$$3 + 3 = \square \quad 2 \times 3 = \square$$



$$1 + 1 + 1 + 1 = \square \quad 4 \times 1 = \square$$



$$2 + 2 + 2 + 2 + 2 = \square \quad 5 \times 2 = \square$$

Questions to ask your child:

In the first multiplication, what does the 3 represent in 3×2 ?

In the first multiplication, what does the 2 represent in 2×3 ?

What is the same as 3×2 and 2×3 ?

Complete the sentences.

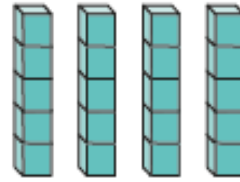
a)



There are equal groups with
in each group.

$$\square + \square + \square = 18$$

$$\square \times \square = 18$$



There are equal groups with
in each group.

$$\square + \square + \square + \square = 20$$

$$\square \times \square = 20$$

Medium

Finish the repeated addition sentences

How many spots do 3 ladybirds have?



$$2 + 2 + 2 =$$

$$3 \times 2 =$$

How many spots do 4 ladybirds have?



$$2 + 2 + 2 + 2 =$$

$$4 \times 2 =$$

How many petals do 3 flowers have?



$$_ + _ + _ = _$$

$$3 \times 5 =$$

How many petals do 4 flowers have?



$$4 \times 5 =$$

Can you create your own pictures to represent repeated addition sentences?

You could draw plates with cakes on them, or footballs with spots on them... Or you could get an adult to create you some pictures and then you can write the repeated addition sentences and then the multiplication sentence!

You could even make equal groups with toys, sweets or cereal!

Remember you have to have the same amount in each group 😊



There are equal groups with
in each group.

$$\boxed{} + \boxed{} = 8$$

$$\boxed{} \times \boxed{} = 8$$

Complete the table.

The first one has been done for you.

Addition	Multiplication
$2 + 2 + 2 + 2$	4×2
$5 + 5 + 5$	
$3 + 3 + 3 + 3 + 3$	
	2×10

Spicy

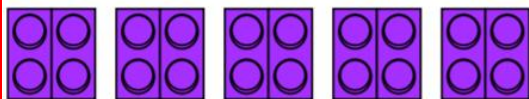
Add the bumps on the building blocks to complete the number sentence.



$$4 + 4 + 4 + 4 = \boxed{} \quad 4 \times 4 = \boxed{}$$



$$2 + 2 + 2 + 2 + 2 + 2 = \boxed{} \quad 6 \times 2 = \boxed{}$$



$$4 + 4 + 4 + 4 + 4 = \boxed{} \quad 5 \times 4 = \boxed{}$$

Questions to ask your child:

In the last multiplication, what does the 5 represent in 5×4 ?

In the first multiplication, what does the 4 represent in 5×4 ?

Finish the repeated addition sentences:

How many spots do 5 ladybirds have?



How many petals do 4 flowers have?



$$5 \times 2 =$$

$$4 \times 5 =$$

Can you create your own pictures to represent repeated addition sentences?

You could draw plates with cakes on them, or footballs with spots on them... Or you could get an adult to create you some pictures and then you can write the repeated addition sentences and then the multiplication sentence!

Remember you have to have the same amount in each group 😊



$$3 + 3 + 3 = 3 \times 3$$

Is Mo correct? Explain why.

Draw an image to help you.

The total is 16

What could the addition and multiplication be?

Tuesday

Repeated addition and multiplication: describing arrays

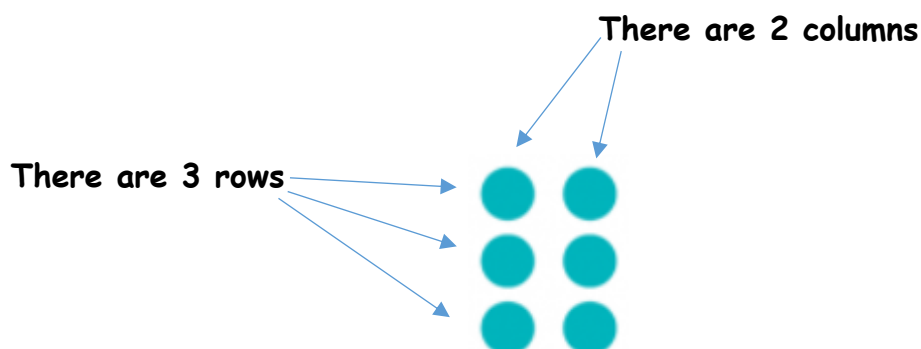
<https://www.bbc.co.uk/bitesize/tags/z7s22sg/year-2-lessons/1>

<https://whiterosemaths.com/homelearning/year-2/>

(In school we teach the children that the $\times$ symbol means 'equal groups of')

Top Tip

When working with arrays, you need to count how many rows there are first and then how many columns there are... example: **rows** $\times$ **columns**

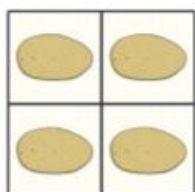


So when writing the multiplication for this array it would be 3×2

Mild

Write the multiplication sentence to match both of the arrays:

How many potatoes are there?



How many apples are there?



How many pears are there?



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

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

There are pears.

How many stars are there?

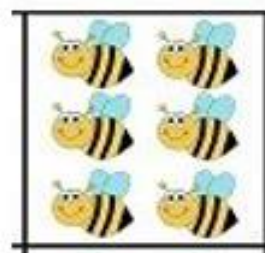


$$\square + \square = \square$$

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

There are stars.

Find and tick 5×2



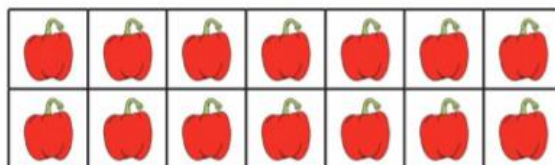
Medium

Write the multiplication sentence to match both of the arrays:

How many mangoes are there?



How many peppers are there?



Write two additions and two multiplications for the array.



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

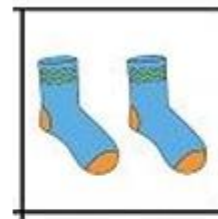
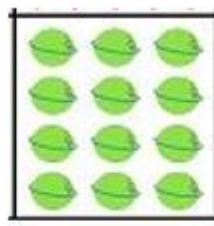
$$\square \times \square = \square$$

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

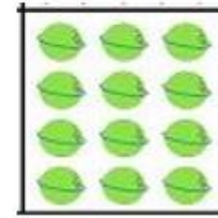
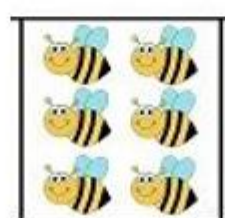
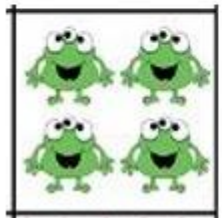
$$\square \times \square = \square$$

What do you notice?

Find and tick 4×2



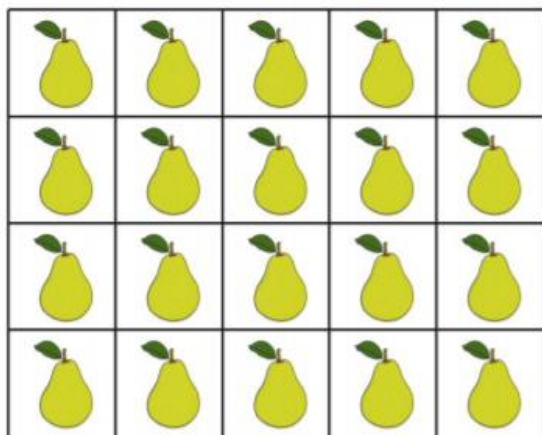
Find and tick 4×3



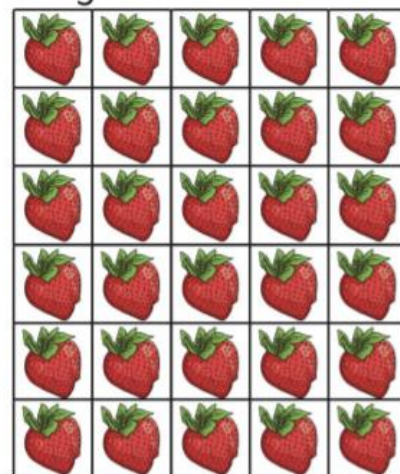
Spicy

Write the multiplication sentence to match both of the arrays:

How many pears are there?



How many strawberries are there?



Write two multiplications for this array.



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

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

Draw an array to show:

$$4 \times 5 = 5 \times 4$$

$$3 \text{ lots of } 10 = 10 \text{ lots of } 3$$

- 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		

Array 1 is how you have been taught already - rows x columns.

Array 2 is changing the method to columns x rows.

Whichever way round, the answer is the same!

Wednesday

Repeated addition and multiplication: 2 x table

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(In school we teach the children that the x symbol means 'equal groups of')

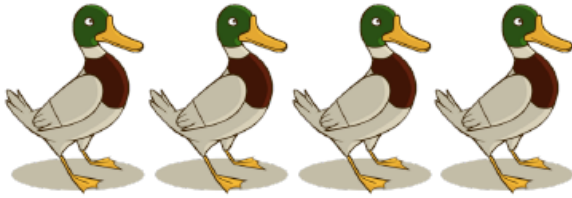
Mild

Begin by practising your 2 times tables - remember it's always important to practise your times tables over and over again so that you don't forget them and they become sticky knowledge (sticks in your brain!).

How much do 3 pineapples cost?



Write the repeated addition number sentence and the multiplication sentence.



How many legs do 4 ducks have?

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

Write a fact from the 2 times-table to match the picture.

a)



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

b)



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

c)



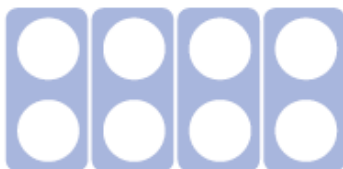
$$\square \times \square = \square$$

Extension at the bottom of Wednesday learning

Medium

Begin by practising your 2 times tables - remember it's always important to practise your times tables over and over again so that you don't forget them and they become sticky knowledge (sticks in your brain!).

How many groups are there? Times by how many circles are in each group...

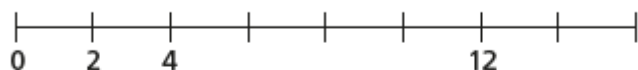


$$\square \times \square = \square$$



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

a) Complete the number line.



b) Which times-table does the number line show?

Tick your answer.

1 times-table

2 times-table

3 times-table

Complete the array and times-table fact so that they match.



$2 \times 2 = \square$



$2 \times 5 = \square$



$2 \times \square = 8$



There are _____ eyes in total.

$\square \times \square = \square$



There are _____ eyes in total.

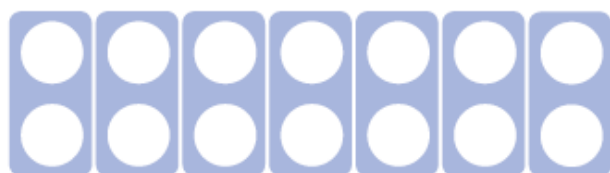
$\square \times \square = \square$

Extension at the bottom of Wednesday learning

Spicy

Begin by practising your 2 times tables - remember it's always important to practise your times tables over and over again so that you don't forget them and they become sticky knowledge (sticks in your brain!).

How many groups are there? Times by how many circles are in each group...



$\square \times \square = \square$



$\square \times \square = \square$

Complete the number sentences.

a) $3 \times 2 = \square$

f) $\square = 12 \div 2$

b) $\square = 9 \div 2$

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 £ $\square$

Eva says,



Every number in the
2 times-table is even.

Is she correct? Explain your answer.

(The $=$ symbol means 'has the same value as' and can be at the beginning or end of an equation)

Wednesday extension - all children

Challenge yourself - how quickly can you complete these 2 times table questions?

I can complete 2 times table calculations.

$2 \times 5 = \underline{\quad}$ $7 \times 2 = \underline{\quad}$ $4 \times 2 = \underline{\quad}$

$7 \times 2 = \underline{\quad}$ $2 \times 4 = \underline{\quad}$ $2 \times 3 = \underline{\quad}$

$2 \times 10 = \underline{\quad}$ $3 \times 2 = \underline{\quad}$ $0 \times 2 = \underline{\quad}$

$6 \times 2 = \underline{\quad}$ $2 \times 2 = \underline{\quad}$ $2 \times 2 = \underline{\quad}$

$2 \times 9 = \underline{\quad}$ $9 \times 2 = \underline{\quad}$ $7 \times 2 = \underline{\quad}$

$0 \times 2 = \underline{\quad}$ $2 \times 1 = \underline{\quad}$ $2 \times 10 = \underline{\quad}$

$2 \times 1 = \underline{\quad}$ $2 \times 0 = \underline{\quad}$ $3 \times 2 = \underline{\quad}$

$8 \times 2 = \underline{\quad}$ $4 \times 2 = \underline{\quad}$ $2 \times 5 = \underline{\quad}$

$2 \times 5 = \underline{\quad}$ $2 \times 8 = \underline{\quad}$ $9 \times 2 = \underline{\quad}$

$3 \times 2 = \underline{\quad}$ $1 \times 2 = \underline{\quad}$ $2 \times 0 = \underline{\quad}$

$2 \times 6 = \underline{\quad}$ $2 \times 5 = \underline{\quad}$ $2 \times 2 = \underline{\quad}$

Thursday

Repeated addition and multiplication: 5 x table

<https://www.bbc.co.uk/bitesize/tags/z7s22sg/year-2-lessons/1>

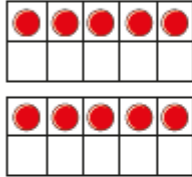
<https://whiterosemaths.com/homelearning/year-2/>

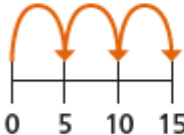
(In school we teach the children that the $\times$ symbol means 'equal groups of')

Starter activity - all children

Match the picture to the times-table fact.

1.  3×5

2.  2×5

3.  1×5

4.  5×5

Mild

Begin by practising your 5 times tables - remember it's always important to practise your times tables over and over again so that you don't forget them and they become sticky knowledge (sticks in your brain!).

Write the calculations as repeated addition or a multiplication calculation.

How many petals altogether? ____  _____	How many petals altogether? ____  _____
How many petals altogether? ____  _____	How many petals altogether? ____  _____

1. Draw a picture to represent 5×5

2. Draw a picture to represent 6×5

Remember, when you are drawing your pictures, the first number represents how many groups there are and the second number is how many there are in each group.

Use $<$, $>$ or $=$ to make the statements correct.

$$2 \times 5 \quad \bigcirc \quad 5 \times 2$$

$$3 \times 2 \quad \bigcirc \quad 4 \times 5$$

$$10 \times 5 \quad \bigcirc \quad 5 \times 5$$

$<$ less than

$>$ more than

$=$ equal to

Medium

Begin by practising your 5 times tables - remember it's always important to practise your times tables over and over again so that you don't forget them and they become sticky knowledge (sticks in your brain!).

How many groups are there? Times by how many circles are in each group...



$$\boxed{} \times \boxed{} = \boxed{}$$



$$\boxed{} \times \boxed{} = \boxed{}$$



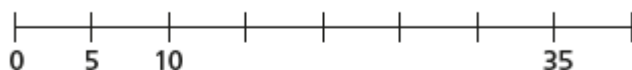
$$\boxed{} \times \boxed{} = \boxed{}$$

1. Draw your own picture to represent 7×5

2. Draw your own picture to represent 10×5

Remember, when you are drawing your pictures, the first number represents how many groups there are and the second number is how many there are in each group.

a) Complete the number line.



b) Which times-table does the number line show?

Tick your answer.

1 times-table

2 times-table

5 times-table

How much money does Ron have?



Complete the multiplication.

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

Ron has $\square$ p.

Spicy

Begin by practising your 5 times tables - remember it's always important to practise your times tables over and over again so that you don't forget them and they become sticky knowledge (sticks in your brain!).

1. Draw your own picture to represent 11×5

2. Draw your own picture to represent 12×5

Remember, when you are drawing your pictures, the first number represents how many groups there are and the second group is how many there are in each group.

Complete the number sentences.

a) $5 \times 5 = \square$

f) $\square = 11 \times 5$

b) $\square = 9 \times 5$

g) $5 \times \square = 5$

c) $5 \times 6 = \square$

h) $5 \times 0 = \square$

d) $5 \times \square = 40$

i) $10 = 5 \times \square$

e) $35 = \square \times 5$

j) $\square \times 5 = 60$

Write $<$, $>$ or $=$ to compare the calculations.

7×5 $\bigcirc$ 5×8

6×5 $\bigcirc$ $4 \times 5 + 2 \times 5$

2×5 $\bigcirc$ $3 \times 5 - 1 \times 5$

12×2 $\bigcirc$ 2×12

A sandwich costs £2 and a box of crayons costs £5



Jack buys 5 sandwiches and 3 boxes of crayons.
How much does he spend in total?

Jack spends £

Thursday extension - all children

Challenge yourself - how quickly can you complete these 5 times table questions?

I can complete missing number calculations.

$5 \times \underline{\quad} = 25$

$5 \times \underline{\quad} = 20$

$5 \times \underline{\quad} = 40$

$5 \times \underline{\quad} = 15$

$5 \times \underline{\quad} = 15$

$5 \times \underline{\quad} = 50$

$5 \times \underline{\quad} = 10$

$5 \times \underline{\quad} = 0$

$5 \times \underline{\quad} = 0$

$5 \times \underline{\quad} = 0$

$5 \times \underline{\quad} = 10$

$5 \times \underline{\quad} = 15$

$5 \times \underline{\quad} = 20$

$5 \times \underline{\quad} = 50$

$5 \times \underline{\quad} = 10$

$5 \times \underline{\quad} = 50$

$5 \times \underline{\quad} = 0$

$5 \times \underline{\quad} = 25$

$5 \times \underline{\quad} = 0$

$5 \times \underline{\quad} = 35$

$5 \times \underline{\quad} = 40$

$5 \times \underline{\quad} = 10$

$5 \times \underline{\quad} = 25$

$5 \times \underline{\quad} = 35$

$5 \times \underline{\quad} = 45$

$5 \times \underline{\quad} = 15$

$5 \times \underline{\quad} = 50$

$5 \times \underline{\quad} = 25$

$5 \times \underline{\quad} = 30$

$5 \times \underline{\quad} = 30$

$5 \times \underline{\quad} = 40$

$5 \times \underline{\quad} = 35$

Friday

Times Table Rock stars, key skills and quiz on following page!

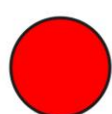
Times Table Rockstars

Have a go at your times tables on TTRockstars this week. Maybe you could battle with one of your friends? We can't wait to see how much your times tables have improved!



Key skills - vertices and edges

2D Shape Word Mat



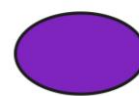
circle



rectangle



triangle



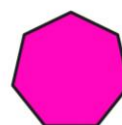
oval



octagon



square



heptagon



rhombus



pentagon



hexagon



kite



Have a go at working out how many edges (sides) and how many vertices (corners) each 2D shape has - we have done lots of work with this in school, so try and remember all of the facts that you have learnt ☺

Weekly Quiz

Mild

1. What is the missing number?

66 67 68 69

2. What is the missing number?

5 10 15 20

3. What number is one less than 50?

4. Pat has 8 sweets. Sam has 5.
Who has the least?

5. Write this number in words:
16

6. What symbol is missing?
3 9 = 12

Medium/Spicy

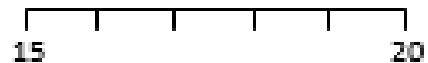
1. What is the missing number?

0 3 6 12 15

2. Circle the 2s that have a value of 2.

12 28 32 21

3. Draw an arrow to label 19.



4. Put these in order, smallest first.

73 3 37 7

5. Write this number in words.
36

6. There are 16 people on a bus. 9
more get on. How many people now?

Well done girls and boys, you have finished week 5!

I am so proud of your efforts 😊

