

Go to <https://whiterosemaths.com/homelearning/year-2/spring-week-4-number-multiplication-and-division-2/> and click on the 'DIVIDE BY 2' video.

Divide by 2



1 Complete the sentences.

a) There are 12 cherries.

There are groups.

There are cherries in each group.

$$12 \div 2 = \square$$

$$2 \times \square = 12$$



b)



There are 10 muffins.

There are muffins in each group.

There are groups.

$$10 \div 2 = \square$$

$$\square \times 2 = 10$$

2 Complete the number sentences for each array.

a)



$$\square \times 2 = 8$$

$$8 \div 2 = \square$$



$$\square \times 2 = 16$$

$$16 \div 2 = \square$$

3 There are 14 socks.



Amir puts them in pairs.

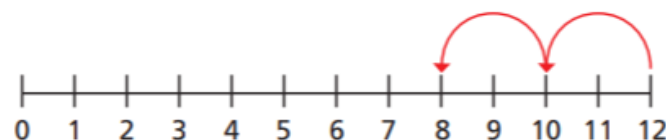
a) How many pairs of socks does he have?

b) Complete the number sentence.

$$\square \div \square = \square$$

4 Use the number lines to complete the division sentences.

a) $12 \div 2 = \square$



Divide by 2



$$\square \times 2 = 16$$

$$16 \div 2 = \square$$

- 3 There are 14 socks.



Amir puts them in pairs.

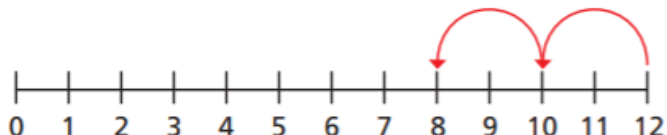
- a) How many pairs of socks does he have?

- b) Complete the number sentence.

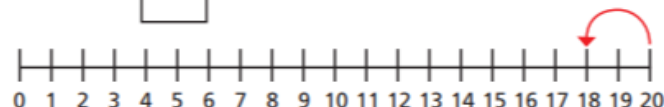
$$\square \div \square = \square$$

- 4 Use the number lines to complete the division sentences.

a) $12 \div 2 = \square$



b) $20 \div 2 = \square$



Is there another way to work this out?

- 5 Alex has 22 pencils.

She puts them into pots.

Each pot has 2 pencils.

How many pots does Alex need?



- 6



If I know my 2 times-table, I can use this to help me divide by 2

Do you agree with Dora?

Talk about it with a partner.

- 7 Work out the divisions.

a) $6 \div 2$

d) $0 \div 2$

g) $\square \div 2 = 9$

b) $10 \div 2$

e) $\square \div 2 = 5$

h) $\square \div 2 = 11$

c) $14 \div 2$

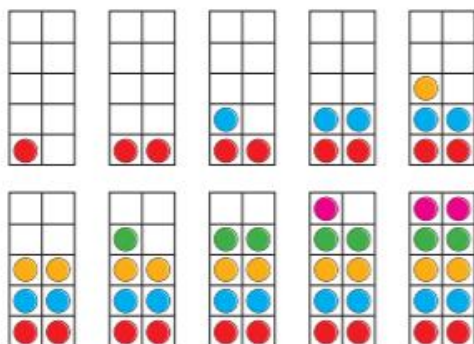
f) $\square \div 2 = 6$

Go to <https://whiterosemaths.com/homelearning/year-2/spring-week-4-number-multiplication-and-division-2/> and click on the 'ODD AND EVEN NUMBERS' video.

Odd and even numbers



- 1 Eva uses counters to make the numbers from 1 to 10



Which numbers are even?

What do you notice about all the even numbers?

- 2 Use counters and ten frames.

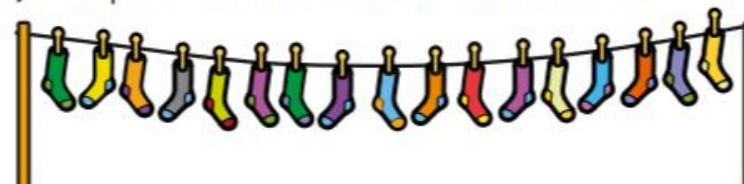
- Show that 14 is an even number.
 - Show that 15 is an odd number.
 - Work out whether 18 is even or odd.
- Compare answers with a partner.

- 3 Draw circles to show the groups.

- Group the shoes in 2s to show that 16 is even.



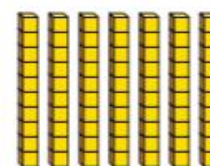
- Group the socks in 2s to show that 17 is odd.



- 4 Colour all the even numbers on a 50 grid.

What do you notice about the last digit of all the even numbers?

- 5 Dexter makes the number 70 from base 10



70 is odd as you cannot share into 2 equally.

What mistake has Dexter made?



- Teddy has a 2-digit number.

The 1st digit has been covered up.
Is Teddy's number odd or even?



odd even you cannot tell

How do you know?

Odd and even numbers



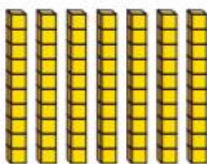
b) Group the socks in 2s to show that 17 is odd.



4 Colour all the even numbers on a 50 grid.

What do you notice about the last digit of all the even numbers?

5 Dexter makes the number 70 from base 10



70 is odd as you cannot share into 2 equally.

What mistake has Dexter made?



6 a) Teddy has a 2-digit number.

The 1st digit has been covered up.

Is Teddy's number odd or even?

odd

even

you cannot tell

How do you know?



b) Dora has a 2-digit number

The 2nd digit has been covered up.

Is Dora's number odd or even?

odd

even

you cannot tell



7 Roll 2 dice and find the total.

Complete the table.

Dice 1	Dice 2	Total	Is the total odd or even?
3 (odd)	2 (even)	$3 + 2 = 5$	odd

What patterns can you spot?

8 Whitney is making a number pattern.

, 5, 7, 9, 11, 13, 15, ,

a) Write the missing numbers.

b) Write 2 numbers greater than 30 that could be in the pattern.

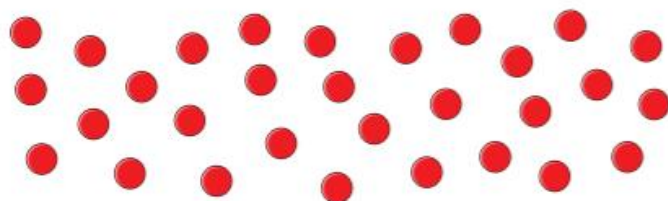
c) Write 2 numbers greater than 60 that could not be in the pattern.

Go to <https://whiterosemaths.com/homelearning/year-2/spring-week-4-number-multiplication-and-division-2/> and click on the 'DIVIDE BY 5' video.

Divide by 5



- 1 Here are some counters.



- a) Draw circles around groups of 5

- b) Complete the sentences.

There are 30 counters.

There are counters in each group.

There are groups.

$$30 \div 5 = \square$$

$$\square \times 5 = 30$$

- 2 Share the sweets between the party bags.



There are sweets.

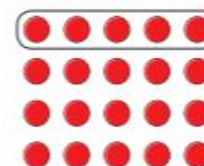
There are party bags.

There are sweets in each bag.

$$15 \div \square = \square$$

- 3 Complete the number sentences for each array.

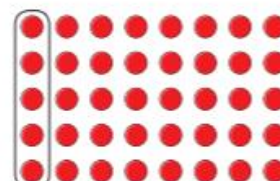
- a)



$$\square \times 5 = 20$$

$$20 \div 5 = \square$$

- b)



$$\square \times 5 = \square$$

$$\square \div 5 = \square$$

Divide by 5



- 2 Share the sweets between the party bags.



There are sweets.

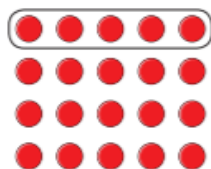
There are party bags.

There are sweets in each bag.

$$15 \div \square = \square$$

- 3 Complete the number sentences for each array.

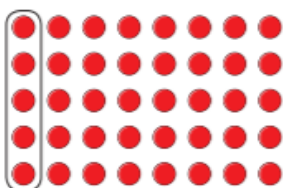
a)



$$\square \times 5 = 20$$

$$20 \div 5 = \square$$

b)



$$\square \times 5 = \square$$

$$\square \div 5 = \square$$

- 4 Draw an array to show that $10 \div 5 = 2$

- 5 A boat can fit 5 people.

Work out how many boats are needed for 45 people.

- 6 Complete the divisions.

a) $15 \div 5 = \square$

e) $\square \div 5 = 7$

b) $25 \div 5 = \square$

f) $\square \div 5 = 11$

c) $50 \div 5 = \square$

g) $\square \div 5 = 8$

d) $60 \div 5 = \square$

h) $\square \div 5 = 0$

- 7 Annie buys 5 lollipops.



This costs her 50p.

How much do 2 lollipops cost?

Go to <https://whiterosemaths.com/homelearning/year-2/spring-week-4-number-multiplication-and-division-2/> and click on the 'DIVIDE BY 10' video.

Divide by 10



- 1 Here are some crayons.



A pack holds 10 crayons.

How many packs can be made?

Complete the sentences.

There are crayons.

There are crayons in a pack.

$60 \div 10 =$

packs can be made.



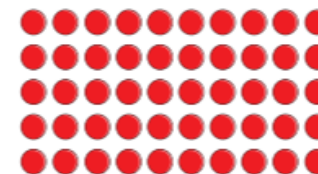
- 2 Share 40 counters equally between 10 groups.



Complete the division.

$$40 \div \square = \square$$

- 3 Complete a fact family for the array.



- 4 Write the missing numbers.

a) $70 \div 10 =$

d) tens $\div 10 = 2$

b) $80 \div 10 =$

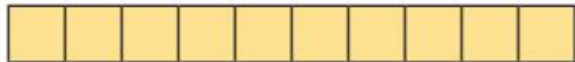
e) $\div 10 = 6$

c) 1 ten $\div 10 =$

Divide by 10



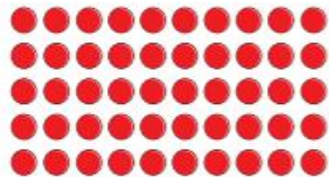
- 2 Share 40 counters equally between 10 groups.



Complete the division.

$$40 \div \square = \square$$

- 3 Complete a fact family for the array.



- 4 Write the missing numbers.

a) $70 \div 10 = \square$

d) $\square \text{ tens} \div 10 = 2$

b) $80 \div 10 = \square$

e) $\square \div 10 = 6$

c) $1 \text{ ten} \div 10 = \square$

- 5 Rosie has these number cards.



Complete the number sentences using only these numbers.

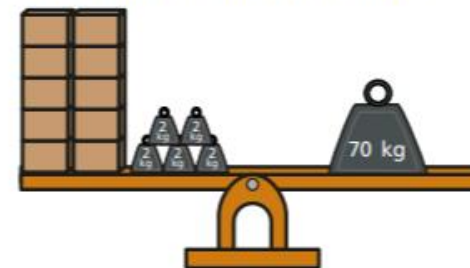
$$\square \div \square = \square$$

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

Are there any other ways to complete the sentences?

- 6 Tommy has 100 stickers for his sticker book. He can fit 10 stickers on each page. How many pages can Tommy fill?

- 7 What is the mass of one of the boxes?



WALT: know our 2, 5 and 10 times tables.

Friday 5th February 2021

There is no White Rose Maths video today. Today is your chance to look back at any lessons this week that you struggled with and have another go, or you may have feedback from your teachers that has asked you to have another go at a particular question.

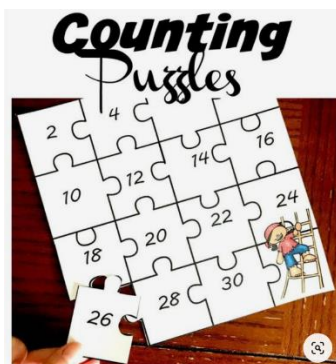
Once you have done this or you have no lessons or tasks to go back over, we would like you to practise your 2, 5 and 10 times tables. By the end of Year 2 you should know these REALLY well!

Have a look at these tasks:

2 times table

Watch: <https://www.youtube.com/watch?v=iiR8hqJeQsw>

Craft: a 2 times table puzzle



Play: <https://www.topmarks.co.uk/times-tables/coconut-multiples> then click 'x2'.

5 times table

Watch: <https://www.youtube.com/watch?v=amxVL9KUmq8>

Craft: Can you create a 5 times table flower?

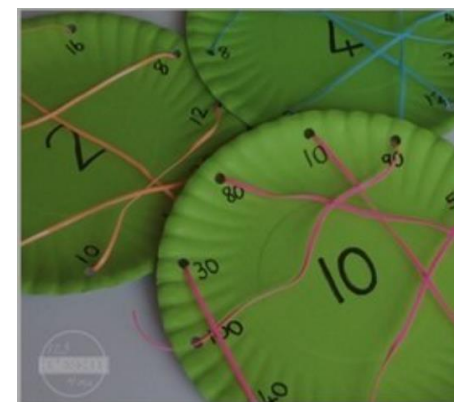


Play: <https://mathsframe.co.uk/en/resources/resource/306/Maths-Fishing-Multiplication> then click '5 times table (Y2)

10 times table

Watch: <https://www.youtube.com/watch?v=W8CE0IAOGas>

Craft: a times table tangle!



Play: Play: <https://www.topmarks.co.uk/maths-games/mental-maths-train> then click 'x' and then 'x 2, 5, 10'.