

## Maths Planning and Ideas



**Week Commencing: 15<sup>th</sup> June 2020**

**Year Group: 2**

Note to parents:

*This week's planning will be recapping multiplication and then division which is something we have already covered earlier this year. The idea behind this is to consolidate children's understanding of key concepts in order to help prepare them for next year. We are aware that some children may already have a sound understanding of some of these areas of learning, while others will still need to practise them. For any children who are very confident in working through the White Rose worksheet, I have attached some additional activities at the bottom of the planning to further deepen children's understanding.*

*I have also attached some general worksheets on division and odd and even numbers in the resources, if you do not wish to use the White Rose resource or cannot access the videos. Hope you are all well. Mrs Phillips.*

	Monday	Tuesday	Wednesday	Thursday	Friday
Area of Learning	LC: Can you use 10x table?	LC: Can you share into equal groups?	LC: Can you group objects equally?	LC: Can you recognise odd and even numbers?	Challenge Day
Activity	<p><b>Starter:</b></p> <p><a href="#">Times Table Rockstar</a></p> <p><i>Battle of the Bands and Garage challenges have been set for Y2 children.</i></p> <p><b>Main:</b></p> <ul style="list-style-type: none"> <li>Please follow the link below to find the White Rose resources. We are using Summer Term – Week 6 – Week commencing 1. 6. 20.</li> <li><a href="https://whiterosemaths.com/homelearning/year-2/">https://whiterosemaths.com/homelearning/year-2/</a></li> <li>Please complete lesson 1.</li> <li>Watch the video and then complete the worksheet.</li> </ul>	<p><b>Starter:</b></p> <p><a href="#">Times Table Rockstar</a></p> <p><i>Battle of the Bands and Garage challenges have been set for Y2 children.</i></p> <p><b>Main:</b></p> <ul style="list-style-type: none"> <li>Please follow the link as yesterday and complete lesson 2.</li> <li>Please watch the video and then complete the worksheet.</li> <li>Watch the video and then complete the worksheet.</li> <li>These are attached at the end of the planning.</li> </ul>	<p><b>Starter:</b></p> <p><a href="#">Times Table Rockstar</a></p> <p><i>Battle of the Bands and Garage challenges have been set for Y2 children.</i></p> <p><b>Main:</b></p> <ul style="list-style-type: none"> <li>Please follow the link as yesterday and complete lesson 3.</li> <li>Please watch the video and then complete the worksheet.</li> <li>Watch the video and then complete the worksheet.</li> <li>These are attached at the end of the planning.</li> </ul>	<p><b>Starter:</b></p> <p><a href="#">Times Table Rockstar</a></p> <p><i>Battle of the Bands and Garage challenges have been set for Y2 children.</i></p> <p><b>Main:</b></p> <ul style="list-style-type: none"> <li>Please follow the link as yesterday and complete lesson 4.</li> <li>Please watch the video and then complete the worksheet.</li> <li>Watch the video and then complete the worksheet.</li> </ul>	<p><b>Starter:</b></p> <p><a href="#">Times Table Rockstar</a></p> <p><i>Battle of the Bands and Garage challenges have been set for Y2 children.</i></p> <p><b>Main:</b></p> <ul style="list-style-type: none"> <li>Choose from one of the Block Adventurer sheets.</li> <li>The first is the easiest and the last is the hardest.</li> <li>The answers are attached at the end so</li> </ul>

	<ul style="list-style-type: none"> <li>• These are attached at the end of the planning.</li> </ul> <p><b>Independent:</b> Please complete the worksheet. You can write your answers on paper if you do not want to print out the sheet.</p> <p><b>Extension activities:</b> At the end of the resources I have attached a selection of extension activities related this week's work.</p> <p>The link below will take you to the same resources and the answers.</p> <p><a href="https://KIFACAT.examprom.net">https://KIFACAT.examprom.net</a></p>	<p><b>Independent:</b> Please complete the worksheet. You can write your answers on paper if you do not want to print out the sheet.</p> <p><b>When the activity suggests using cubes, just use whatever you have in your house eg: lego, pieces of pasta, raisins etc to help you.</b></p> <p><b>Where it asks you to use Base 10, please use something to represent tens and ones eg: 43 could be made with 4 straws and 3 raisins.</b></p> <p><b>Other ideas to represent tens are; pens, crayons, sticks of spaghetti etc.</b></p> <p>Please see Monday's plan for advice on extension activities.</p>	<p><b>Independent:</b> Please complete the worksheet. You can write your answers on paper if you do not want to print out the sheet.</p> <p>Please see Monday's plan for advice on extension activities.</p>	<ul style="list-style-type: none"> <li>• These are attached at the end of the planning.</li> </ul> <p><b>Independent:</b> Please complete the worksheet. You can write your answers on paper if you do not want to print out the sheet.</p>	<p>you can see what they should look like.</p>
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Monday 15<sup>th</sup> June

LC: Can you use 10x table?

## The 10 times-table



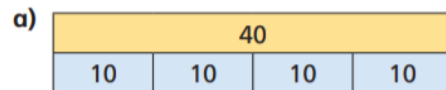
- 1 How many cookies are there?



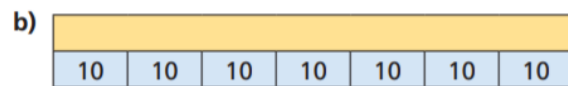
$$\square \times 10 = \square$$

There are  $\square$  cookies.

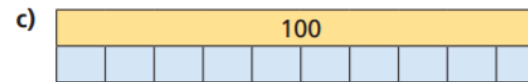
- 2 Complete the multiplication fact to match the bar model.



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



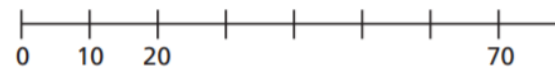
$$\square \times \square = \square$$



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

- 3 Draw a bar model to represent  $5 \times 10$

- 4 a) Complete the number line.



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

Tick your answer.

10 times-table    5 times-table    1 times-table

How do you know?



**Monday 15<sup>th</sup> June (continued)**

**5** Complete the number sentences.

a)  $2 \times 10 =$

f)   $= 10 \times 10$

b)   $= 7 \times 10$

g)  $10 \times$    $= 10$

c)  $10 \times 4 =$

h)  $10 \times 0 =$

d)  $10 \times$    $= 110$

i)  $30 = 10 \times$

e)  $80 =$    $\times 10$

j)   $\times 10 = 90$

**6** Eva is 7 years old.

Her gran is 10 times older.

How old is Eva's gran?

Eva's gran is  years old.

**7** Four children each have some money.

Teddy has this money.



Dora

I have twice  
as much money  
as Teddy.



Rosie

I have ten times  
as much money  
as Dora.



Jack

I have five times  
as much money  
as Teddy.

How much money do they each have?

Teddy has  p      Dora has  p

Jack has  p      Rosie has  p

**Tuesday 16<sup>th</sup> June**

**LC: Can you share into equal group?**

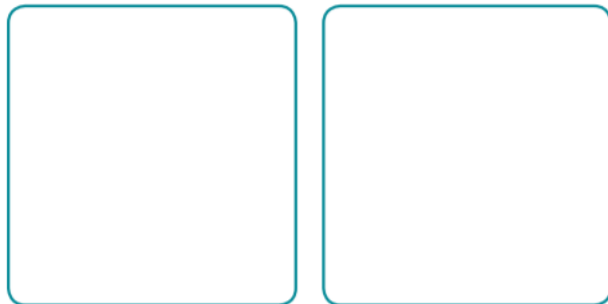
### Make equal groups – sharing

- 1** Annie has 12 apples.



She shares them equally into 2 boxes.

Show how Annie shares the apples equally.



Complete the sentences.

There are 12 apples.

There are  boxes.

There are  apples in each box.

Maths



- 2** Take 20 cubes.

- a) Share them into 2 equal groups.  
Complete the sentences.

There are 20 cubes.

There are  groups.

There are  cubes in each group.

- b) Share the cubes into 5 equal groups.  
Complete the sentences.

There are 20 cubes.

There are  groups.

There are  cubes in each group.

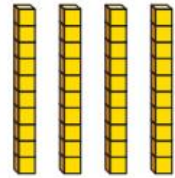
- c) You can share 20 into other equal groups.

Is this true? \_\_\_\_\_

How do you know?



- 3 Complete the divisions.  
Use base 10 to help you.



a)  $40 \div 2 = \square$

c)  $40 \div 5 = \square$

b)  $40 \div 4 = \square$

d)  $40 \div 10 = \square$

Did you have to make any exchanges?

- 4 30 flowers are shared equally between 5 vases.



- a) Complete the division.

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

- b) What does each part of the division represent?  
Talk about it with a partner.

- 5 Complete the divisions.

A  $20 \div 5 = \square$

C  $20 \div \square = 2$

B  $20 \div 4 = \square$

D  $20 \div 2 = \square$

Write a letter in each box to match the divisions to the sentences.

Dora has 20 apples. She shares them equally between 4 boxes.

Ron has 20 sweets. He shares them equally between some party bags. There are 2 sweets in each party bag.

Dexter has 20 toy cars. He shares them equally between 5 boxes.

Whitney has 20 dolls. She shares them equally with her sister.

What other sentences can you think of to match the divisions?



**Wednesday 10<sup>th</sup> June**

**LC: Can you make equal groups?**

## Make equal groups – grouping

White  
Rose  
Maths

- 1 Annie has 10 apples.



Annie has some plates.  
She wants to put 2 apples on each plate.  
Show how Annie groups the apples.

Complete the sentences.

There are  apples.

There are  apples on each plate.

There are  plates.



- 2 Take 15 counters.



Put the counters into groups of 3

Complete the sentences.

There are 15 counters.

The counters are in groups of

There are  groups.

- 3 Mo has 20 chairs.

a) Circle groups of 5 chairs.



b) How many groups did you circle?

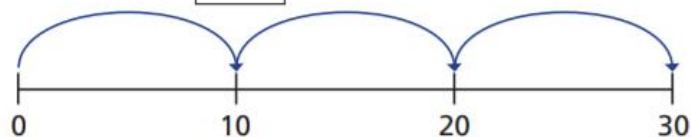
c) Complete the number sentence.

$$\boxed{\phantom{00}} \div \boxed{\phantom{00}} = \boxed{\phantom{00}}$$



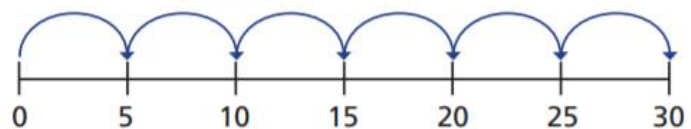
- 4 Complete the number sentences.  
Use the number line to help you.

a)  $30 \div 10 = \square$



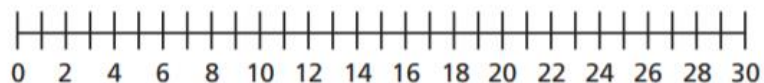
30 is made of  $\square$  equal groups of  $\square$

b)  $30 \div 5 = \square$



30 is made of  $\square$  equal groups of  $\square$

- c) Investigate other equal groups you could make with 30



Talk about it with a partner.

- 5 Eva is putting 24 pencils into pots.



She puts 2 pencils into each pot.  
How many pots does Eva need?

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

Eva needs  $\square$  pots.

6

With 40 counters  
you can only make equal  
groups of 4 and 10



Is Ron correct? \_\_\_\_\_

Use counters to show how you know.

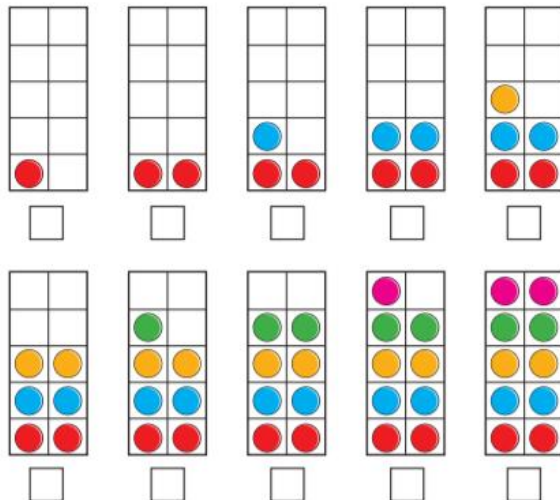




## Odd and even numbers



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



Tick all the numbers that are even.

What do you notice about all the even numbers?

- 2 Use counters and ten frames.

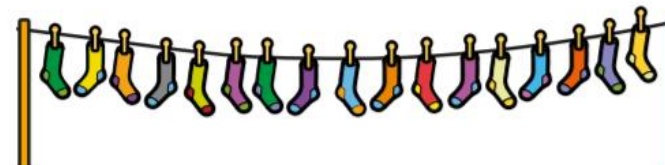
- Show that 14 is an even number.
- Show that 15 is an odd number.
- Work out whether 18 is even or odd. Compare answers with a partner.

- 3 Draw circles to show the groups.

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



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

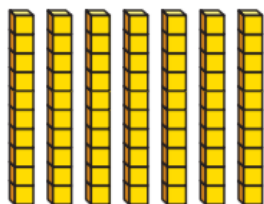


- 4 Colour all the even numbers.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50

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?  
Circle your answer.

**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?  
Circle your answer.

**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.

**Friday 12<sup>th</sup> June**

## KS1 Block Adventurer

### Multiplication Mosaic Activity Sheets

Solve the multiplication problem to reveal a hidden picture. Each answer has a special colour:

**10** = yellow    **20** = green    **30** = grey    **40** = light brown    **60** = dark brown

**All other answers** = white

$1 \times 2$	$8 \times 10$	$2 \times 2$	$10 \times 9$	$2 \times 5$	$1 \times 10$	$12 \times 2$	$5 \times 3$	$11 \times 2$	$5 \times 1$
$4 \times 2$	$10 \times 10$	$12 \times 10$	$10 \times 1$	$4 \times 10$	$8 \times 5$	$2 \times 8$	$10 \times 9$	$2 \times 6$	$10 \times 10$
$9 \times 2$	$1 \times 5$	$2 \times 11$	$5 \times 2$	$5 \times 8$	$10 \times 4$	$2 \times 3$	$11 \times 10$	$2 \times 1$	$2 \times 12$
$10 \times 8$	$6 \times 2$	$2 \times 5$	$7 \times 5$	$4 \times 5$	$2 \times 10$	$10 \times 7$	$6 \times 2$	$5 \times 1$	$2 \times 4$
$3 \times 5$	$10 \times 5$	$12 \times 2$	$5 \times 10$	$2 \times 10$	$4 \times 5$	$5 \times 4$	$8 \times 2$	$11 \times 5$	$2 \times 2$
$11 \times 5$	$1 \times 2$	$7 \times 5$	$7 \times 10$	$4 \times 5$	$10 \times 2$	$8 \times 10$	$8 \times 5$	$9 \times 10$	$7 \times 10$
$2 \times 9$	$10 \times 10$	$3 \times 5$	$10 \times 12$	$6 \times 10$	$12 \times 5$	$10 \times 5$	$2 \times 7$	$11 \times 5$	$5 \times 10$
$1 \times 5$	$7 \times 2$	$5 \times 11$	$10 \times 5$	$5 \times 12$	$5 \times 9$	$10 \times 6$	$2 \times 3$	$10 \times 10$	$2 \times 1$
$4 \times 2$	$9 \times 5$	$3 \times 2$	$12 \times 10$	$10 \times 3$	$7 \times 5$	$10 \times 11$	$6 \times 5$	$2 \times 8$	$2 \times 6$

## KS1 Block Adventurer

### Multiplication Mosaic Activity Sheets

Solve the multiplication problem to reveal a hidden picture. Each answer has a special colour:

**20** = purple    **30** = peach    **40** = brown    **60** = blue

**All other answers** = white

$12 \times 2$	$5 \times 3$	$11 \times 2$	$5 \times 1$	$10 \times 4$	$8 \times 5$	$2 \times 8$	$10 \times 9$	$2 \times 6$	$10 \times 10$
$10 \times 7$	$6 \times 2$	$5 \times 1$	$2 \times 4$	$5 \times 6$	$10 \times 3$	$4 \times 10$	$4 \times 2$	$10 \times 10$	$12 \times 10$
$1 \times 2$	$8 \times 10$	$2 \times 2$	$10 \times 9$	$3 \times 10$	$6 \times 5$	$5 \times 8$	$5 \times 3$	$11 \times 2$	$5 \times 1$
$2 \times 3$	$11 \times 10$	$2 \times 1$	$2 \times 12$	$10 \times 6$	$5 \times 12$	$2 \times 9$	$10 \times 10$	$3 \times 5$	$10 \times 12$
$2 \times 8$	$2 \times 6$	$6 \times 5$	$10 \times 6$	$12 \times 5$	$6 \times 10$	$4 \times 2$	$9 \times 5$	$3 \times 2$	$12 \times 10$
$11 \times 5$	$1 \times 2$	$7 \times 5$	$7 \times 10$	$10 \times 6$	$5 \times 12$	$10 \times 5$	$2 \times 7$	$7 \times 5$	$10 \times 11$
$1 \times 5$	$7 \times 2$	$5 \times 11$	$10 \times 5$	$10 \times 2$	$4 \times 5$	$1 \times 2$	$8 \times 10$	$2 \times 2$	$10 \times 9$
$8 \times 2$	$10 \times 5$	$2 \times 2$	$4 \times 5$	$8 \times 10$	$2 \times 10$	$7 \times 5$	$10 \times 11$	$12 \times 10$	$2 \times 6$
$10 \times 8$	$6 \times 2$	$10 \times 2$	$2 \times 6$	$10 \times 5$	$5 \times 4$	$10 \times 5$	$2 \times 7$	$5 \times 10$	$5 \times 10$

## KS1 Block Adventurer

### Multiplication Mosaic Activity Sheets

Solve the multiplication problem to reveal a hidden picture. Each answer has a special colour:

**grey** 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 | **brown** 11, 12, 13, 14, 15, 16, 17, 18, 19, 20 | **black** 21, 22, 23, 24, 25, 26, 27, 28, 29, 30

All other answers = white

$7 \times 5$	$4 \times 10$	$7 \times 10$	$5 \times 9$	$12 \times 5$	$10 \times 5$	$5 \times 7$	$10 \times 10$	$11 \times 5$	$9 \times 5$
$6 \times 10$	$9 \times 5$	$6 \times 2$	$1 \times 10$	$4 \times 2$	$5 \times 1$	$3 \times 2$	$10 \times 1$	$12 \times 10$	$10 \times 9$
$10 \times 4$	$8 \times 2$	$5 \times 0$	$2 \times 2$	$10 \times 0$	$10 \times 10$	$7 \times 5$	$9 \times 10$	$6 \times 10$	$10 \times 10$
$11 \times 5$	$0 \times 2$	$5 \times 2$	$7 \times 2$	$3 \times 5$	$6 \times 10$	$11 \times 10$	$4 \times 10$	$10 \times 11$	$5 \times 7$
$7 \times 5$	$4 \times 2$	$1 \times 5$	$12 \times 2$	$2 \times 8$	$10 \times 2$	$5 \times 9$	$12 \times 10$	$5 \times 12$	$10 \times 6$
$6 \times 10$	$2 \times 3$	$5 \times 8$	$8 \times 10$	$10 \times 3$	$2 \times 6$	$5 \times 3$	$9 \times 10$	$5 \times 8$	$11 \times 10$
$5 \times 7$	$5 \times 1$	$12 \times 5$	$10 \times 12$	$10 \times 5$	$5 \times 5$	$2 \times 9$	$2 \times 7$	$10 \times 6$	$4 \times 10$
$9 \times 5$	$1 \times 2$	$9 \times 10$	$7 \times 5$	$12 \times 10$	$9 \times 5$	$3 \times 10$	$2 \times 10$	$9 \times 2$	$9 \times 5$
$10 \times 8$	$10 \times 11$	$9 \times 5$	$12 \times 10$	$5 \times 10$	$5 \times 8$	$6 \times 10$	$2 \times 12$	$2 \times 6$	$10 \times 8$
$8 \times 5$	$12 \times 5$	$10 \times 9$	$10 \times 4$	$11 \times 10$	$8 \times 10$	$5 \times 7$	$12 \times 10$	$5 \times 11$	$10 \times 5$

## KS1 Block Adventurer

### Multiplication Mosaic Activity Sheets

Solve the multiplication problem to reveal a hidden picture. Each answer has a special colour:

**light blue** 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 | **dark blue** 11, 12, 13, 14, 15, 16, 17, 18, 19, 20 | **black** 21, 22, 23, 24, 25, 26, 27, 28, 29, 30 | **grey** 31, 32, 33, 34, 35, 36, 37, 38, 39, 40 | **red** 41, 42, 43, 44, 45, 46, 47, 48, 49

All other answers = white

$10 \times 10$	$11 \times 5$	$6 \times 10$	$11 \times 10$	$12 \times 5$	$10 \times 9$	$11 \times 10$	$8 \times 10$	$6 \times 10$	$11 \times 10$
$11 \times 5$	$5 \times 7$	$7 \times 2$	$3 \times 5$	$2 \times 6$	$9 \times 2$	$2 \times 8$	$10 \times 2$	$10 \times 4$	$12 \times 5$
$9 \times 10$	$5 \times 3$	$1 \times 10$	$4 \times 2$	$5 \times 1$	$3 \times 2$	$10 \times 1$	$1 \times 2$	$2 \times 9$	$6 \times 10$
$11 \times 10$	$2 \times 10$	$12 \times 2$	$6 \times 5$	$2 \times 2$	$2 \times 1$	$10 \times 3$	$5 \times 6$	$8 \times 2$	$10 \times 12$
$7 \times 10$	$2 \times 6$	$3 \times 7$	$9 \times 5$	$0 \times 2$	$5 \times 2$	$5 \times 9$	$11 \times 2$	$5 \times 3$	$10 \times 6$
$12 \times 5$	$8 \times 2$	$4 \times 2$	$1 \times 5$	$5 \times 5$	$11 \times 2$	$5 \times 1$	$2 \times 4$	$10 \times 2$	$12 \times 5$
$10 \times 8$	$2 \times 9$	$5 \times 1$	$2 \times 11$	$5 \times 6$	$12 \times 2$	$10 \times 3$	$2 \times 0$	$6 \times 2$	$7 \times 10$
$10 \times 12$	$6 \times 2$	$1 \times 2$	$6 \times 5$	$2 \times 12$	$5 \times 5$	$6 \times 5$	$0 \times 5$	$2 \times 6$	$8 \times 10$
$10 \times 7$	$4 \times 10$	$5 \times 3$	$2 \times 11$	$7 \times 2$	$3 \times 5$	$3 \times 10$	$10 \times 2$	$7 \times 5$	$10 \times 9$
$12 \times 5$	$10 \times 10$	$11 \times 5$	$12 \times 5$	$10 \times 9$	$11 \times 10$	$8 \times 10$	$10 \times 10$	$11 \times 5$	$10 \times 7$

## KS1 Block Adventurer **Answers**

### Multiplication Mosaic Activity Sheets

Solve the multiplication problem to reveal a hidden picture. Each answer has a special colour:

**10** = yellow      **20** = green      **30** = grey      **40** = light brown      **60** = dark brown

**All other answers** = white

$1 \times 2$	$8 \times 10$	$2 \times 2$	$10 \times 9$	$2 \times 5$	$1 \times 10$	$12 \times 2$	$5 \times 3$	$11 \times 2$	$5 \times 1$
$4 \times 2$	$10 \times 10$	$12 \times 10$	$10 \times 1$	$4 \times 10$	$8 \times 5$	$2 \times 8$	$10 \times 9$	$2 \times 6$	$10 \times 10$
$9 \times 2$	$1 \times 5$	$2 \times 11$	$5 \times 2$	$5 \times 8$	$10 \times 4$	$2 \times 3$	$11 \times 10$	$2 \times 1$	$2 \times 12$
$10 \times 8$	$6 \times 2$	$2 \times 5$	$7 \times 5$	$4 \times 5$	$2 \times 10$	$10 \times 7$	$6 \times 2$	$5 \times 1$	$2 \times 4$
$3 \times 5$	$10 \times 5$	$12 \times 2$	$5 \times 10$	$2 \times 10$	$4 \times 5$	$5 \times 4$	$8 \times 2$	$11 \times 5$	$2 \times 2$
$11 \times 5$	$1 \times 2$	$7 \times 5$	$7 \times 10$	$4 \times 5$	$10 \times 2$	$8 \times 10$	$8 \times 5$	$9 \times 10$	$7 \times 10$
$2 \times 9$	$10 \times 10$	$3 \times 5$	$10 \times 12$	$6 \times 10$	$12 \times 5$	$10 \times 5$	$2 \times 7$	$11 \times 5$	$5 \times 10$
$1 \times 5$	$7 \times 2$	$5 \times 11$	$10 \times 5$	$5 \times 12$	$5 \times 9$	$10 \times 6$	$2 \times 3$	$10 \times 10$	$2 \times 1$
$4 \times 2$	$9 \times 5$	$3 \times 2$	$12 \times 10$	$10 \times 3$	$7 \times 5$	$10 \times 11$	$6 \times 5$	$2 \times 8$	$2 \times 6$

## KS1 Block Adventurer **Answers**

### Multiplication Mosaic Activity Sheets

Solve the multiplication problem to reveal a hidden picture. Each answer has a special colour:

**20** = purple      **30** = peach      **40** = brown      **60** = blue

**All other answers** = white

$12 \times 2$	$5 \times 3$	$11 \times 2$	$5 \times 1$	$10 \times 4$	$8 \times 5$	$2 \times 8$	$10 \times 9$	$2 \times 6$	$10 \times 10$
$10 \times 7$	$6 \times 2$	$5 \times 1$	$2 \times 4$	$5 \times 6$	$10 \times 3$	$4 \times 10$	$4 \times 2$	$10 \times 10$	$12 \times 10$
$1 \times 2$	$8 \times 10$	$2 \times 2$	$10 \times 9$	$3 \times 10$	$6 \times 5$	$5 \times 8$	$5 \times 3$	$11 \times 2$	$5 \times 1$
$2 \times 3$	$11 \times 10$	$2 \times 1$	$2 \times 12$	$10 \times 6$	$5 \times 12$	$2 \times 9$	$10 \times 10$	$3 \times 5$	$10 \times 12$
$2 \times 8$	$2 \times 6$	$6 \times 5$	$10 \times 6$	$12 \times 5$	$6 \times 10$	$4 \times 2$	$9 \times 5$	$3 \times 2$	$12 \times 10$
$11 \times 5$	$1 \times 2$	$7 \times 5$	$7 \times 10$	$10 \times 6$	$5 \times 12$	$10 \times 5$	$2 \times 7$	$7 \times 5$	$10 \times 11$
$1 \times 5$	$7 \times 2$	$5 \times 11$	$10 \times 5$	$10 \times 2$	$4 \times 5$	$1 \times 2$	$8 \times 10$	$2 \times 2$	$10 \times 9$
$8 \times 2$	$10 \times 5$	$2 \times 2$	$4 \times 5$	$8 \times 10$	$2 \times 10$	$7 \times 5$	$10 \times 11$	$12 \times 10$	$2 \times 6$
$10 \times 8$	$6 \times 2$	$10 \times 2$	$2 \times 6$	$10 \times 5$	$5 \times 4$	$10 \times 5$	$2 \times 7$	$5 \times 10$	$5 \times 10$



## KS1 Block Adventurer Answers

### Multiplication Mosaic Activity Sheets

Solve the multiplication problem to reveal a hidden picture. Each answer has a special colour:

**grey** 0, 1, 2, 3, 4, 5, 6, 7, **brown** 11, 12, 13, 14, 15, **black** 21, 22, 23, 24, 25, 8, 9, 10, 16, 17, 18, 19, 20, 26, 27, 28, 29, 30

All other answers = white

7 × 5	4 × 10	7 × 10	5 × 9	12 × 5	10 × 5	5 × 7	10 × 10	11 × 5	9 × 5
6 × 10	9 × 5	6 × 2	1 × 10	4 × 2	5 × 1	3 × 2	10 × 1	12 × 10	10 × 9
10 × 4	8 × 2	5 × 0	2 × 2	10 × 0	10 × 10	7 × 5	9 × 10	6 × 10	10 × 10
11 × 5	0 × 2	5 × 2	7 × 2	3 × 5	6 × 10	11 × 10	4 × 10	10 × 11	5 × 7
7 × 5	4 × 2	1 × 5	12 × 2	2 × 8	10 × 2	5 × 9	12 × 10	5 × 12	10 × 6
6 × 10	2 × 3	5 × 8	8 × 10	10 × 3	2 × 6	5 × 3	9 × 10	5 × 8	11 × 10
5 × 7	5 × 1	12 × 5	10 × 12	10 × 5	5 × 5	2 × 9	2 × 7	10 × 6	4 × 10
9 × 5	1 × 2	9 × 10	7 × 5	12 × 10	9 × 5	3 × 10	2 × 10	9 × 2	9 × 5
10 × 8	10 × 11	9 × 5	12 × 10	5 × 10	5 × 8	6 × 10	2 × 12	2 × 6	10 × 8
8 × 5	12 × 5	10 × 9	10 × 4	11 × 10	8 × 10	5 × 7	12 × 10	5 × 11	10 × 5

## KS1 Block Adventurer Answers

### Multiplication Mosaic Activity Sheets

Solve the multiplication problem to reveal a hidden picture. Each answer has a special colour:

**light blue** 0, 1, **dark blue** 11, **black** 21, 22, **grey** 31, 32, 33, **red** 41, 42, 43, 2, 3, 4, 5, 6, 7, 12, 13, 14, 15, 23, 24, 25, 26, 34, 35, 36, 37, 44, 45, 46, 47, 8, 9, 10, 16, 17, 18, 19, 20, 27, 28, 29, 30, 38, 39, 40, 48, 49

All other answers = white

10 × 10	11 × 5	6 × 10	11 × 10	12 × 5	10 × 9	11 × 10	8 × 10	6 × 10	11 × 10
11 × 5	5 × 7	7 × 2	3 × 5	2 × 6	9 × 2	2 × 8	10 × 2	10 × 4	12 × 5
9 × 10	5 × 3	1 × 10	4 × 2	5 × 1	3 × 2	10 × 1	1 × 2	2 × 9	6 × 10
11 × 10	2 × 10	12 × 2	6 × 5	2 × 2	2 × 1	10 × 3	5 × 6	8 × 2	10 × 12
7 × 10	2 × 6	3 × 7	9 × 5	0 × 2	5 × 2	5 × 9	11 × 2	5 × 3	10 × 6
12 × 5	8 × 2	4 × 2	1 × 5	5 × 5	11 × 2	5 × 1	2 × 4	10 × 2	12 × 5
10 × 8	2 × 9	5 × 1	2 × 11	5 × 6	12 × 2	10 × 3	2 × 0	6 × 2	7 × 10
10 × 12	6 × 2	1 × 2	6 × 5	2 × 12	5 × 5	6 × 5	0 × 5	2 × 6	8 × 10
10 × 7	4 × 10	5 × 3	2 × 11	7 × 2	3 × 5	3 × 10	10 × 2	7 × 5	10 × 9
12 × 5	10 × 10	11 × 5	12 × 5	10 × 9	11 × 10	8 × 10	10 × 10	11 × 5	10 × 7



**Alternative sheet to practise division**

Q1.

$8 \div 2 =$

Q2.

$45 \div 5 =$

Q3.

$120 \div 10 =$

Q4.

$70 \div 10 =$

Q5.

$55 \div 5 =$

Q6.

$12 \div 2 =$

Q7.

$40 \div 10 =$

Q8.

$2 \div 2 =$

Q9.

$15 \div 5 =$

Q10.

$90 \div 10 =$

Q11.

$60 \div 5 =$

Q12.

$22 \div 2 =$

# Odd and Even Numbers

Look at the numbers. Put all the even numbers and odd numbers in the correct circle.

16	4	5	8	13	21	7	22	10	23
2	15	20	16	33	17	19	79	90	54
97	66	78	43	55	42	39	82	81	67

Even  
numbers

Odd  
numbers

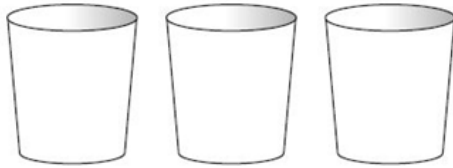


## Extension activities

Q1.

Ajay has **30** pencils.

He shares them equally between **3** pots.



Complete the number sentence to show how Ajay shares the pencils.

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

Q2.

5

40

8

Use only these numbers to make a **different** number sentence each time.

One is done for you.

$$\square 5 \times \square 8 = \square 40$$

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

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

**Q3.**

Miss Smith needs **30** apples for her class.

There are **5** apples in each bag.



How many **bags** of apples does Miss Smith need altogether?

bags

**Q4.**

Look at these **three** numbers.

5      12      60

Use **all three** numbers to make these correct.

÷  =

×  =

**Q5.**

Write numbers in the boxes to make this correct.

30

 ÷  =

Q6.

Write the missing number in the box.

$$\boxed{\phantom{00}} \div 2 = 7$$

Q7.

There are **35** children.

They get into teams of **5**



How many teams are there altogether?

teams

Q8.

Put a ring around the number which **cannot** be divided exactly by **10**.

60

110

80

120

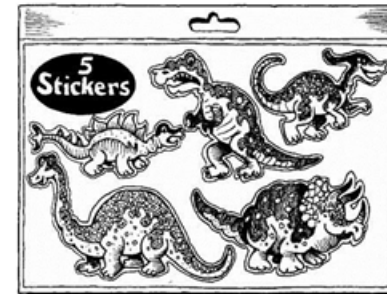
90

101

Q9.

Alex buys **6** packets of stickers.

There are **5** stickers in each packet.



(a) How many stickers does he buy?

stickers

(b) Each packet costs **20p**.

How many packets can you buy for **£2.00**?

packets

Q10.

Write numbers in the boxes to make this correct.

$$\boxed{\phantom{00}} \div \boxed{\phantom{00}} = 5$$

### **Where can I complete further work?**

[Twinkl](#) – Subscription service used by schools is offering a free premium service for teachers, parents and children to use whilst schools are closed. Enter the code **UKTWINKLHELPS** for access to worksheets, powerpoints and interactive games to support all areas of learning.

[Classroom Secrets](#) – Free Maths, Reading and Grammar home learning packs and interactive resources for all ages.

[White Rose Maths](#) – Free Maths home learning resources for all ages. Watch the videos and try the questions.

[Primary Stars](#) – Free Maths home learning packs for Year 1 and 2.

[BBC Bitesize Primary](#) – Free learning resources available for KS1 and KS2 across all subjects.

[I See Maths](#) – Free daily home maths lessons hosted by Gareth Metcalfe. Follow the link for videos, information and resources.

[Top Marks](#) – Free educational resources and games for English and Maths.

[ICT Games](#) – Free educational resources and games for English and Maths.