Year 5 Maths Plan and Resources 18th – 22nd January 2021

	Week 2 WB:18.01.21	Week 3 WB: 25.01.21	Week 4 WB: 01.02.21	Week 5 WB: 08.02.21
Y5	**Multiplication & Division**		**Fractions**	

From Monday 18th of January, until week beginning Monday 8th of February, we would like you to continue to follow White Rose's daily maths lessons. Remember that you do not need a printer at home, it is perfectly fine to write your working out and answers on a piece of paper. The school have now purchased White Rose Premium and the daily activity sheets are now uploaded on our home learning page and on Teams.

Spring Week 2 - Number: Multiplication & Division | White Rose Maths

1. Click on the set of lessons for your child's year group.
2. Watch the video (either on your own or with your child) using the links below.
3. Find a calm space where your child can work for about 20-30 minutes.
4. Use the video guidance to support your child as they work through.

Below your weekly Maths timetable, you can find lots of useful links and resources.

Remember to email your teacher a picture of your completed work. If you have any questions, please email your class teacher.

Weeks 2 Number- Multiplication & Division	
Monday 18.01.21- Lesson 1– Multiplying 2 digits by 2 digits Spr5.2.1 - Multiply 2-digits by 2-digits on Vimeo	White Rose Video and Powerpoint with assignment on Teams
Tuesday 19.01.21- Lesson 2 – Multiply 3-digits by 2-digits Spr5.2.2 - Multiply 3-digits by 2-digits on Vimeo	White Rose Video and Powerpoint with assignment on Teams Live lesson- Mental arithmetic practice
Wednesday 20.01.21- Lesson 3– Multiply 4-digits by 2-digits (basic practice) Spr5.2.3 - Multiply 4-digits by 2-digits (basic practice) on Vimeo	White Rose Video and Powerpoint with assignment on Teams Drop-in session available
Thursday 21.01.21- Lesson 4 – Multiply 4-digits by 2-digits Spr5.2.4 - Multiply up to a 4-digit number by a 2-digit number on Vimeo	White Rose Video and Powerpoint with assignment on Teams
Friday 22.01.21- Lesson 5 – Recap Divide 2-digits by 1-digit (1) Spr5.2.5 - Divide 2-digits by 1-digit on Vimeo	Whiter Rose Video and Powerpoint with assignment on Teams Live lesson- Mental arithmetic practice

Extra Links and Resources	
https://login.mathletics.com	Remember to continue to work through the activities set by your teacher.
https://www.bbc.co.uk/bitesize/dailylessons	BBC Bitesize are uploading daily maths lessons
https://www.twinkl.co.uk/home-learning-hub	Sign up for a free Twinkl account and have a look at their new Home Learning Hub for more daily lessons and activities.
https://corbettmathsprimary.com/content	Corbettmaths is full of individual videos and activities for each maths topic.
https://mathsframe.co.uk	Mathsframe has more than 200 interactive maths games and 300 maths worksheets and assessments linked to the curriculum.
https://www.topmarks.co.uk/maths-games	Another website full of interactive teaching tools and learning games.
https://kids.classroomsecrets.co.uk/category/year5/year-5-maths	Lots of useful video tutorials to help with learning and revising methods

Multiply 2-digits by 2-digits

1 Complete the multiplications.

a) 6 × 6 = ☐

6 × 60 = ☐

b) 12 × 8 = ☐

12 × 80 = ☐

c) 32 × 3 = ☐

32 × 30 = ☐

d) 7 × 9 = ☐

7 × 90 = ☐

e) 21 × 4 = ☐

21 × 40 = ☐

f) 48 × 3 = ☐

48 × 30 = ☐

How did you work out your answers?

2 Fill in the missing numbers.

a)

			4	3	
	×		1	3	
		1_1	2	9	
		4	3	0	

(43 × 3)

(43 × 10)

b)

			2	1	
	×		1	6	
		1_1	2	6	
		2	1	0	

(☐ × ☐)

(☐ × ☐)

c)

	×				
		1	0	5	
		4	2	0	

(21 × 5)

(21 × 20)

3 Mo is calculating 34 × 23

Here is his working.

$$\begin{array}{r} 34 \\ \times\ 23 \\ \hline 1_1\,0_1\,2 \\ 6\,8 \\ \hline 1\,7_1\,0 \end{array}$$

What mistake has Mo made?

What is the correct answer?

You may use the blank grid for your workings.

Monday 18/01/21- Worksheet 1

4 Work out the multiplications.

a) 52 × 34 = ☐ **c)** 46 × 64 = ☐

b) 22 × 56 = ☐ **d)** 47 × 63 = ☐

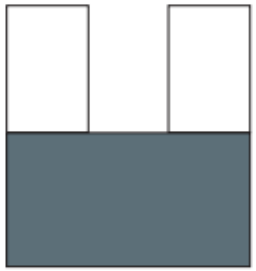
5 A machine prints 92 labels every minute.

How many labels will it print in three-quarters of an hour?

☐

6 Here are two rectangles.

a) What is the area of this compound shape?



☐

b) What is the area of the shaded part?

☐

Compare methods and answers with a partner.
What is the same and what is different?

Monday 18/01/21- Answers

Multiply 2-digits by 2-digits

White Rose Maths

1 Complete the multiplications.

a) 6 × 6 = 36

6 × 60 = 360

b) 12 × 8 = 96

12 × 80 = 960

c) 32 × 3 = 96

32 × 30 = 960

d) 7 × 9 = 63

7 × 90 = 630

e) 21 × 4 = 84

21 × 40 = 840

f) 48 × 3 = 144

48 × 30 = 1,440

How did you work out your answers?

2 Fill in the missing numbers.

a)

		4	3	
×		1	3	
	1	2	9	(43 × 3)
	4	3	0	(43 × 10)
	5	5	9	

b)

		2	1	
×		1	6	
	1	2	6	(21 × 6)
	2	1	0	(21 × 10)
	3	3	6	

c)

		2	1	
×		2	5	
	1	0	5	(21 × 5)
	4	2	0	(21 × 20)
	5	2	5	

3 Mo is calculating 34 × 23

Here is his working.

		3	4
×		2	3
	1	0	2
		6	8
	1	7	0

What mistake has Mo made?

What is the correct answer?

You may use the blank grid for your workings.

		3	4	
×		2	3	
	1	0	2	
	6	8	0	
	7	8	2	

4 Work out the multiplications.

a) 52 × 34 = 1,768

b) 22 × 56 = 1,232

c) 46 × 64 = 2,944

d) 47 × 63 = 2,961

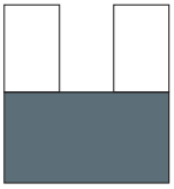
5 A machine prints 92 labels every minute.

How many labels will it print in three-quarters of an hour?

4,140

6 Here are two rectangles.

a) What is the area of this compound shape?



2,022m²

b) What is the area of the shaded part?

822m²

Compare methods and answers with a partner.

What is the same and what is different?

Monday 18/01/21 Extension Tasks (For those that want a challenge!)

Missing Numbers

Calculate the missing number using formal methods.

_7_	_0_4	_936
× 4	× 5	× _
2684	45170	44_24

Write some missing number multiplication calculations for a partner to solve.

Missing Numbers

Complete these calculations:

_16_	7_05	_6_4
× 13	× _9	× 7_
9_01	64845	19_42
3_670	__4100	4629_0

Monday 18/01/21 Extension Answers

Missing Numbers

Calculate the missing number using formal methods.

671	9034	4936
× 4	× 5	× 9
2684	45170	44424

Missing Numbers

Complete these calculations:

3167	7205	6614
× 13	× 29	× 73
9501	64845	19842
31670	144100	462980
41177	208945	482822

Multiply 3-digits by 2-digits

White Rose Maths

1 Complete the multiplications.

a) 13 × 3 = ☐ **c)** 25 × 4 = ☐

13 × 30 = ☐ 25 × 40 = ☐

b) 130 × 2 = ☐ **d)** 204 × 4 = ☐

130 × 20 = ☐ 204 × 40 = ☐

2 Complete the multiplications.

a)

			2	3	1	
	×			1	3	
			6	9	3	
		2	3	1	0	

(231 × 3)

(231 × 10)

b)

				5	1	2	
	×				2	4	
			2_2	0	4	8	
		1_1	0	2	4	0	

(☐ × ☐)

(☐ × ☐)

3 Brett is calculating 216 × 23

	2	1	6
×		2	3
6	4_1	8	0
	4	3_1	2
6	9_1	1	2

What mistake has Brett made?

What is the correct answer?

☐

4 Complete the multiplications.

a) 142 × 31 = ☐ **c)** 214 × 53 = ☐

b) 337 × 46 = ☐ **d)** 24 × 183 = ☐

Tuesday 19/01/21- Worksheet 1

5 Some children are asked to work out 308 × 19

a) Which is the best estimate to use to check their answers?

Circle your choice and work out the answer to your estimate.

300 × 10 **300 × 20** **310 × 20** **300 × 19**

estimate answer = ☐

b) Explain the reasons for your choice.

c) Here are answers given by three children.

Nijah	28,028	Filip	5,852	Whitney	2,080

From your estimate, who do you think is correct? _____

d) Work out the correct answer.

☐

e) What mistakes might the others have made?

6 A football pitch is 128 m long and 52 m wide.

a) What is the area of the pitch?

☐

b) A field is 25,000 m².

How many football pitches could fit in it? ☐

7 Write >, < or = to complete each statement.

a) 146 × 64 ◯ 164 × 46

135 × 53 ◯ 153 × 35

b) What do you notice?

Does this always happen?

8 Miss Rose is ordering some pencils.

She orders 17 of pack A, 14 of pack B and 4 of pack C.

Pack A **Pack B** **Pack C**

How many pencils does Miss Rose order?

☐

Each pencil costs 16p.

How much does Miss Rose spend on pencils?

☐

Tuesday 19/01/21- Answers

Multiply 3-digits by 2-digits

1 Complete the multiplications.

a) 13 × 3 = 39 c) 25 × 4 = 100

13 × 30 = 390 25 × 40 = 1,000

b) 130 × 2 = 260 d) 204 × 4 = 816

130 × 20 = 2,600 204 × 40 = 8,160

2 Complete the multiplications.

a)

			2	3	1		
	×			1	3		
			6	9	3		
		2	3	1	0		
		3	0	0	3		
		1	1				

(231 × 3)

(231 × 10)

b)

				5	1	2		
	×				2	4		
			2_2	0	4	8		
		1_1	0	2	4	0		
		1	2	2	8	8		

(512 × 4)

(512 × 20)

3 Brett is calculating 216 × 23

	2	1	6
×		2	3
6	4_1	8	0
	4	3_1	2
6	9_1	1	2

What mistake has Brett made?

What is the correct answer?

4,968

4 Complete the multiplications.

a) 142 × 31 = 4,402 c) 214 × 53 = 11,342

b) 337 × 46 = 15,502 d) 24 × 183 = 4,392

5 Some children are asked to work out 308 × 19

a) Which is the best estimate to use to check their answers?

Circle your choice and work out the answer to your estimate.

300 × 10 300 × 20 **310 × 20** 300 × 19

estimate answer = 6,200

b) Explain the reasons for your choice.

c) Here are answers given by three children.

Nijah 28,028 Filip 5,852 Whitney 2,080

From your estimate, who do you think is correct? Filip

d) Work out the correct answer.

5,852

e) What mistakes might the others have made?

6 A football pitch is 128 m long and 52 m wide.

a) What is the area of the pitch?

6,656 m²

b) A field is 25,000 m².

How many football pitches could fit in it? 3

7 Write >, < or = to complete each statement.

a) 146 × 64 > 164 × 46

135 × 53 > 153 × 35

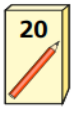
b) What do you notice?

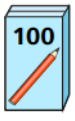
Does this always happen?

8 Miss Rose is ordering some pencils.

She orders 17 of pack A, 14 of pack B and 4 of pack C.

Pack A Pack B Pack C





How many pencils does Miss Rose order?

697

Each pencil costs 16p.

How much does Miss Rose spend on pencils?

£111·52

Tuesday 19/01/21 Extension Tasks (For those that want a challenge!)

Multiply by 10

Correct the calculations that are incorrect:

$34 \times 10 = 340$

$0.6 \times 10 = 60$

$5.7 \times 10 = 57$

$0.003 \times \times 10 = 0.3$

$8900 \times 10 = 890$

$902 \times 10 = 9200$

$8.03 \times 10 = 80.3$

Multiply by 10

Correct the calculations that are incorrect:

$212 \times 10 = 2120$

$0.05 \times 10 = 5$

$34.91 \times 10 = 349.1$

$50.3 \times 10 = 503$

$0.52 \times 10 = 52$

$9.09 \times 10 = 99$

$71\,000 \times 10 = 710\,000$

Tuesday 19/01/21 Extension Answers

Multiply by 10

Correct the calculations that are incorrect:

34 × 10 = 340	correct
0.6 × 10 = 60	incorrect = 6
5.7 × 10 = 57	correct
0.003 x × 10 = 0.3	incorrect = 0.03
8900 × 10 = 890	incorrect = 89 000
902 × 10 = 9200	incorrect = 9020
8.03 × 10 = 80.3	correct

Multiply by 10

Correct the calculations that are incorrect:

212 × 10 = 2120	correct
0.05 × 10 = 5	incorrect = 0.5
34.91 × 10 = 349.1	correct
50.3 × 10 = 503	correct
0.52 × 10 = 52	incorrect = 5.2
9.09 × 10 = 99	incorrect = 90.9
71 000 × 10 = 710 000	correct

Multiply 4-digits by 2-digits – basic practice

White Rose Maths

1 Complete the calculations.

a)

			2	4	3	3	
	×				1	2	
			4	8	6	6	
	+	2	4	3	3	0	

(2,433 × ☐)
(2,433 × ☐)

b)

			2	4	3	3	
	×				1	7	
		1	7_{3}	0_{2}	3_{2}	1	
	+	2	4	3	3	0	

(2,433 × ☐)
(2,433 × ☐)

c)

			2	4	3	3	
	×				3	1	
			2	4	3	3	
	+	7_{1}	2	9	9	0	

(☐ × ☐)
(☐ × ☐)

2 Complete the multiplications.

a)

			1	3	4	5	
	×				2	5	

(☐ × ☐)
(☐ × ☐)

b)

			5	0	1	2	
	×				1	9	

(☐ × ☐)
(☐ × ☐)

c)

			2	7	0	8	
	×				3	4	

(☐ × ☐)
(☐ × ☐)

Wednesday 20/01/21- Worksheet 1

3 Work out the multiplications.

a) 4,511 × 23

b) 5,037 × 15

c) 74 × 1,156

d) 8,001 × 26

e) 9,261 × 11

f) 49 × 3,860

4 Find the product of 5,604 and 81

5 A shop buys football shirts for £39 each and sells them for £49 each.

a) The shop buys 2,700 football shirts.

How much does it cost?

b) The shop sells all the football shirts.

How much profit does it make?

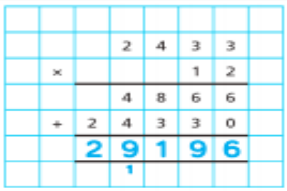
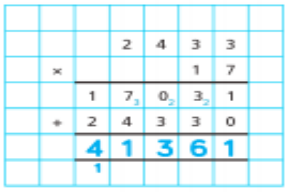
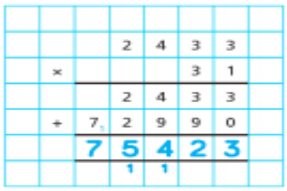
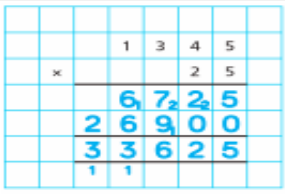
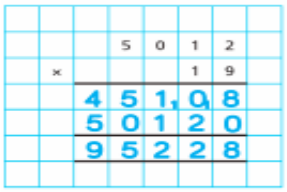
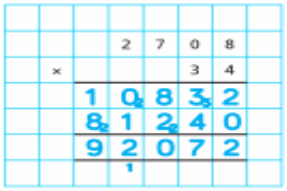
Could you have worked it out a different way?

6 Calculate 9,999 × 99

Compare methods with a partner.

Wednesday 20/01/21- Answers

Y5 – Spring – Block 1 – Multiply 4-digits by 2-digits – basic practice Answers

Question	Answer
1	a)  (2,433 × 2) (2,433 × 10) b)  (2,433 × 7) (2,433 × 10) c)  (2,433 × 1) (2,433 × 30)
2	a)  (1,345 × 5) (1,345 × 20) b)  (5,012 × 9) (5,012 × 10) c)  (2,708 × 4) (2,708 × 30)

Question	Answer
3	a) 103,753 b) 75,555 c) 85,544 d) 208,026 e) 101,871 f) 189,140
4	453,924
5	a) £105,300 b) 27,000 c) E.g. The profit per shirt is £10, so work out 2,700 × 10
6	989,901 Possible methods include: using the column method to work out 9,999 × 99 working out 9,999 × 100 and subtracting 9,999 working out 10,000 × 99 and subtracting 99

Wednesday 20/01/21 Extension Tasks (For those that want a challenge!)

Multiply by 100

In which of these problems will the answer be found by multiplying by 100. Calculate the answers.

1. 100 children are each given £1.20. How much money is given out altogether?

2. At a school disco, there are 34 litres of lemonade. The 100 children at the disco are each given an equal share. How much lemonade does each child receive?

3. Some children lay 100 pencils in a long line. Each pencil is 0.14m long. What is the length of the line of pencils?

Multiply by 1000

Here is a calculation:

$$0.04 \times 1000 =$$

Calculate the answer.

Give two different real life examples where this calculation would be used to give the answer.

Explain how to calculate the answer.

Wednesday 20/01/21 Extension Answers

Multiply by 100

In which of these problems will the answer be found by multiplying by 100. Calculate the answers.

1. 100 children are each given £1.20. How much money is given out altogether?

   Yes, £120

2. At a school disco, there are 34 litres of lemonade. The 100 children at the disco are each given an equal share. How much lemonade does each child receive?

   No, 34 ÷ 100 = 0.34l

3. Some children lay 100 pencils in a long line. Each pencil is 0.14m long. What is the length of the line of pencils?

   Yes, 14m

Multiply by 1000

0.04 × 1000 = 40

Suggested Answers.

Ella saves the £0.04 change she gets from her bus fair each day. How much will she have saved after 1000 days?

A packet of nuts weights 0.04 kg. How much will 1000 packets weigh?

Multiplying by 1000 will make a number larger. Practically this means moving the digits three place values to the left. In this case 0.04 becomes 40. The three steps are 0.4, 4, 40.

Multiply 4-digits by 2-digits

1 Complete the multiplication.

			1	2	3	4	
	×				2	1	
			1	2	3	4	
		2	4	6	8	0	

(1,234 × ☐)

(1,234 × ☐)

2 Tommy is calculating 1,234 × 26

a) Complete his working out.

			1	2	3	4	
	×				2	6	
			7_1	4_2	0_2	4	
		2	4	6	8	0	

(☐ × ☐)

(☐ × ☐)

b) Fill in the grid to check Tommy's working is accurate.
You may use place value counters to help.

×	1,000	200	30	4
20				
6				

3 Rosie is calculating 2,541 × 42

Here is Rosie's working.

	2	5	4	1
×			4	2
	4_1	0	8	2
	8_2	0_1	6	4
1_1	2	1_1	4	6

(2,541 × 2)

(2,541 × 40)

a) Rosie has made two mistakes. What are they?

b) What is the correct answer?

4 Work out the multiplications.

a) 4,284 × 23

b) 2,142 × 46

What do you notice?

5 A machine makes 2,734 boxes every hour.

The machine works for 3 hours each day.

a) How many boxes will it make in 12 days?

b) Compare methods with a partner. Were there any other ways you could have worked out the answer?

6 Work out 378 × 7 × 12

Show your method clearly.

7

1	2	3	4	5	6

× ☐☐☐☐

☐☐

a) Using all the digit cards, create 4 different calculations and work out the answer to each.

b) Write your answers in ascending order.

c) What is the smallest product that can be made?

8 Amir scores 4,680 points in a computer game for 12 games in a row.

Whitney scores 2,512 points every game for 24 games.

Who scores more points?

How many more?

Thursday 21/01/21- Answers

Multiply 4-digits by 2-digits

1 Complete the multiplication.

			1	2	3	4	
	×				2	1	
			1	2	3	4	
		2	4	6	8	0	
		2	5	9	1	4	
				1			

(1,234 × 1)

(1,234 × 20)

2 Tommy is calculating 1,234 × 26

a) Complete his working out.

			1	2	3	4		
	×				2	6		
			7_1	4_2	0_2	4		
		2	4	6	8	0		
		3	2	0	8	4		
		1	1					

(1,234 × 6)

(1,234 × 20)

b) Fill in the grid to check Tommy's working is accurate.
You may use place value counters to help.

×	1,000	200	30	4
20	20,000	4,000	600	80
6	6,000	1,200	180	24

3 Rosie is calculating 2,541 × 42

Here is Rosie's working.

	2	5	4	1	
×			4	2	
	4_1	0	8	2	(2,541 × 2)
	8_2	0_1	6	4	(2,541 × 40)
1_1	2	1_1	4	6	

a) Rosie has made two mistakes. What are they?

She hasn't correctly exchanged.

She has multiplied by 4 not 40

b) What is the correct answer?

106,722

4 Work out the multiplications.

a) 4,284 × 23

	4	2	8	4
×		2	3	
1	2	8	5	2
8	5	6	8	0
9	8	5	3	2
	1	1		

b) 2,142 × 46

	2	1	4	2
×		4	6	
1	2	8	5	2
8	5	6	8	0
9	8	5	3	2
	1	1		

What do you notice?

5 A machine makes 2,734 boxes every hour.

The machine works for 3 hours each day.

a) How many boxes will it make in 12 days?

98,424

b) Compare methods with a partner. Were there any other ways you could have worked out the answer?

6 Work out 378 × 7 × 12

Show your method clearly.

31,752

7 1 2 3 4 5 6

× □□

a) Using all the digit cards, create 4 different calculations and work out the answer to each.

Various answers.

b) Write your answers in ascending order.

c) What is the smallest product that can be made? 32,544

8 Amir scores 4,680 points in a computer game for 12 games in a row.

Whitney scores 2,512 points every game for 24 games.

Who scores more points? Whitney

Amir: 56,160

Whitney: 60,288

How many more? 4,128

Thursday 21/01/21 Extension Tasks (For those that want a challenge!)

Divide by 100

Correct the calculations that are incorrect:

212 ÷ 100 = 2.12

500 ÷ 100 = 5

34.91 ÷ 100 = 0.349

50.3 ÷ 100 = 0.5003

520 ÷ 100 = 5.2

9.09 ÷ 100 = 0.099

71 000 ÷ 100 = 71

Divide by 1000

In which of these problems will the answer be found by dividing by 1000. Calculate the answers.

1. 1000 people attend a football match. All tickets are the same price. The total received is £12 500. How much is each ticket?

2. A swimming pool attendant fills a swimming pool with 1000 equal buckets of water. There is 4520 litres in the pool. How much water is in each bucket?

3. A baker makes 1000 pies in a week. Each pie is sold for £1.45. All the pies are sold. How much does the baker take for all the pies?

Thursday 21/01/21 Extension Answers

Divide by 100

Correct the calculations that are incorrect:

212 ÷ 100 = 2.12	correct
500 ÷ 100 = 5	correct
34.91 ÷ 100 = 0.349	incorrect = 0.3491
50.3 ÷ 100 = 0.5003	incorrect = 0.503
520 ÷ 100 = 5.2	correct
9.09 ÷ 100 = 0.099	incorrect = 0.0909
71 000 ÷ 100 = 71	incorrect = 710

Divide by 1000

In which of these problems will the answer be found by dividing by 1000. Calculate the answers.

1. 1000 people attend a football match. All tickets are the same price. The total received is £12 500. How much is each ticket?

   Yes, £12.50

2. A swimming pool attendant fills a swimming pool with 1000 equal buckets of water. There is 4520 litres in the pool. How much water is in each bucket?

   Yes 4.52l

3. A baker makes 1000 pies in a week. Each pie is sold for £1.45. All the pies are sold. How much does the baker take for all the pies?

   No £1.45 × 1000 = £1450

Hide Answers

Divide 2-digits by 1-digit (1)

1 Rosie is working out 93 ÷ 3 using a place value chart.

Tens	Ones
10 10 10	1
10 10 10	1
10 10 10	1

a) Talk about Rosie's method with a partner.

b) Complete the division.

93 ÷ 3 = ☐

2 Use place value counters to complete the divisions.

a) 66 ÷ 3 = ☐

b) 86 ÷ 2 = ☐

c) 50 ÷ 5 = ☐

d) 48 ÷ 4 = ☐

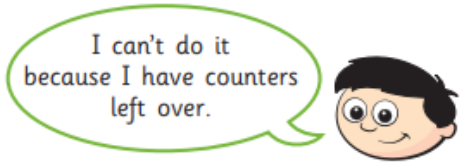
e) ☐ = 39 ÷ 3

f) 84 ÷ 4 = ☐

3 Dexter is working out 56 ÷ 4 using a place value chart.

T	O
10	1
10	1
10	1
10	1

a)



Do you agree with Dexter? _____

Explain your answer.

_____

_____

b) Work out 56 ÷ 4 using place value counters.

56 ÷ 4 = ☐

4 Use place value counters to complete the divisions.

a) 72 ÷ 3 = ☐

b) 92 ÷ 4 = ☐

c) 65 ÷ 5 = ☐

d) 48 ÷ 6 = ☐

e) ☐ = 45 ÷ 3

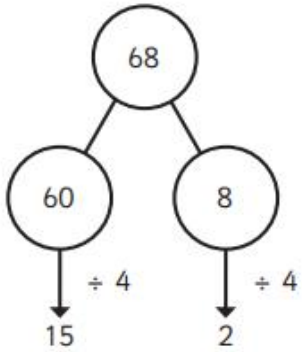
f) 64 ÷ 4 = ☐

Friday 22/01/21- Worksheet 1

5 Teddy is working out 57 ÷ 3

How does Teddy know this? Talk about it with a partner.

6 Amir is working out 68 ÷ 4

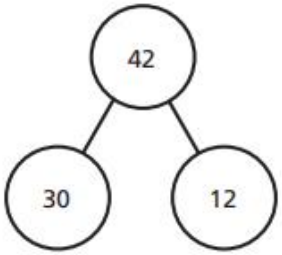


68 ÷ 4 = 17

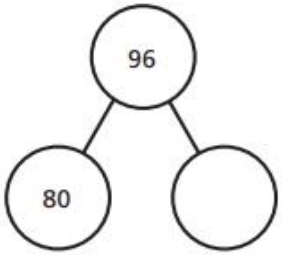
Talk about Amir's method with a partner.

7 Use Amir's method to complete these calculations.

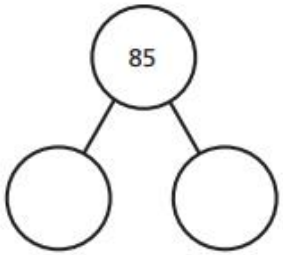
a) 42 ÷ 3 = ☐



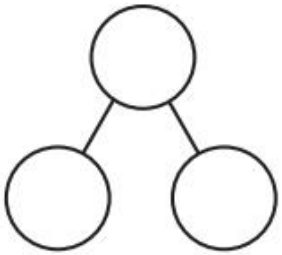
b) 96 ÷ 4 = ☐



c) 85 ÷ 5 = ☐



d) 84 ÷ 6 = ☐



8 Kim has 92 beads.

She wants to share them equally between 4 friends.

How many beads will each friend get?

☐

9 Write <, > or = to make the statements correct.

96 ÷ 8 ◯ 72 ÷ 6

95 ÷ 5 ◯ 63 ÷ 3

51 ÷ 3 ◯ 64 ÷ 4

98 ÷ 7 ◯ 95 ÷ 5

Friday 22/01/21- Answers

Divide 2-digits by 1-digit (1)

1 Rosie is working out 93 ÷ 3 using a place value chart.

Tens	Ones
10 10 10	1
10 10 10	1
10 10 10	1

a) Talk about Rosie's method with a partner.

b) Complete the division.

93 ÷ 3 = 31

2 Use place value counters to complete the divisions.

a) 66 ÷ 3 = 22

b) 86 ÷ 2 = 43

c) 50 ÷ 5 = 10

d) 48 ÷ 4 = 12

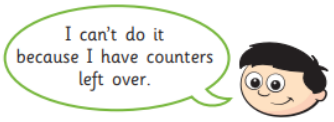
e) 13 = 39 ÷ 3

f) 84 ÷ 4 = 21

3 Dexter is working out 56 ÷ 4 using a place value chart.

T	O
10	1
10	1
10	1
10	1

a)



Do you agree with Dexter? No

Explain your answer.

He can exchange 1 ten for 10 ones

b) Work out 56 ÷ 4 using place value counters.

56 ÷ 4 = 14

4 Use place value counters to complete the divisions.

a) 72 ÷ 3 = 24

b) 92 ÷ 4 = 23

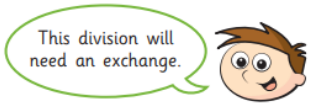
c) 65 ÷ 5 = 13

d) 48 ÷ 6 = 8

e) 15 = 45 ÷ 3

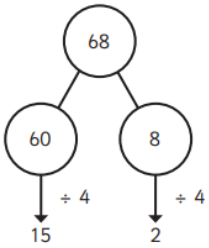
f) 64 ÷ 4 = 16

5 Teddy is working out 57 ÷ 3



How does Teddy know this? Talk about it with a partner.

6 Amir is working out 68 ÷ 4

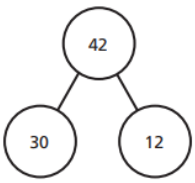


68 ÷ 4 = 17

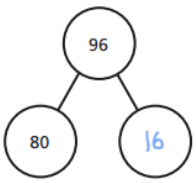
Talk about Amir's method with a partner.

7 Use Amir's method to complete these calculations.

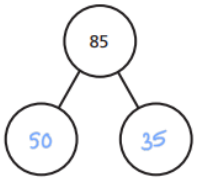
a) 42 ÷ 3 = 14



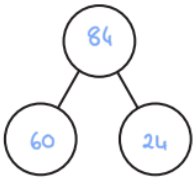
b) 96 ÷ 4 = 24



c) 85 ÷ 5 = 17



d) 84 ÷ 6 = 14



8 Kim has 92 beads.

She wants to share them equally between 4 friends.

How many beads will each friend get?

23

9 Write <, > or = to make the statements correct.

96 ÷ 8 = 72 ÷ 6

95 ÷ 5 < 63 ÷ 3

51 ÷ 3 > 64 ÷ 4

98 ÷ 7 < 95 ÷ 5

Friday 22/01/21 Extension Tasks (For those that want a challenge!)

Create a Problem

Write a word problem for each of these calculations which would be used to find the answers.

£4.50 × 2 + £2.99 = Total; £20 – Total = Answer

3465 ÷ 3 = Share; Share – 963 = Answer

7846 – 6937 = Total; Total × 12 = Answer

Write a calculation for a partner to create a word problem for which the calculation gives the answer.

Missing Numbers

Fill in the missing numbers:

24 × 2 = ☐ × 3 = 12 × ☐ = ☐ × 6

10 ÷ 2 = ☐ ÷ 4 = ☐ ÷ 8 = 80 ÷ ☐

Write your own multiplication and division missing number questions for a partner to solve.

Friday 22/01/21 Extension Answers

Create a Problem

£4.50 × 2 + £2.99 = £11.99; **£20 –** £11.99 **=** £8.01
Kasia buys 2 pairs of shorts priced £4.50 each and a t-shirt for £2.99. She pays with a £20 note. What change does she receive?

3465 ÷ 3 = 1155; 1155 **– 963 =** 192
A baker makes 3465 cakes and shares them equally between 3 local shops. One shop sells 963 cakes. How many cakes does this shop have left?

7846 – 6937 = 909; 909 **× 12 =** 10 908
7846 people visit a cinema on one day. 6937 are adults. The rest are children. As a special offer, each child is given 12 chocolate sweets. How many chocolate sweets are given out?

Missing Numbers

Fill in the missing numbers:

24 × 2 = 16 × 3 = 12 × 4 = 8 × 6

10 ÷ 2 = 20 ÷ 4 = 40 ÷ 8 = 80 ÷ 16