



### Halfnenny Lane Vear 3: Home Learning Schedule

W/C 29th June	Monday	Tuesday	Wednesday	Thursday	Friday
Maths Suggested timing: 45 mins per lesson	Lesson 1: Multiply and divide by 3	Lesson 2: Multiplying and dividing by 4 and 8	Lesson 3: Multiply 2 digits by 1 digit	Lesson 4: Divide a 2-digit number by a 1-digit number	Lesson 5: Multiplication and division problem solving
This week we will be focussing upon:  Multiplication and Division  We have provided a 'pre-teach' maths video to further support your child in their learning. This will be incredibly useful to view before commencing the first lesson.  Please click here to view this.	Learn how to multiply and divide by 3 by clicking on the link here.  You will find a video produced by white rose maths hub and two worksheets in this pack to complete – answers are provided at the end of the pack.	Learn how to multiply and divide by 4 and 8 by clicking on the link here.  This lesson includes a video produced by white rose maths hub and two worksheets attached to this pack – answers are provided at the end of the pack.	Learn how to multiply 2 digits by 1 digit by clicking on the link here.  This lesson includes a video produced by white rose maths hub and two worksheets attached to this pack – answers are provided at the end of the pack.	Learn how to divide a 2-digit number by a 1-digit number by clicking on the link here.  This lesson includes a video produced by white rose maths hub and two worksheets attached to this pack –answers are provided at the end of the pack.	Apply your learning and us your problem-solving skills answer multiplication and division problems! Click on t link here to access the vide  This lesson includes a video produced by white rose maths hand two worksheets attached this pack—answers are provided the end of the pack.



Remember to log in to TTRockstars each week to practise your times tables. There will also be a Friday Maths <mark>Challenge</mark>





### Remember to share your learning on Class Dojo!

Take a photo of your work and upload it to the Portfolio section for your teacher to see.



Suggested timing: 45 mins per lesson

This week our text type is an:

**Adventure Story** As above, this week we have provided a 'pre-teach' English video to further support your child in their learning. Please click

here to view this.

**Lesson 1: Adventure Story: Reading Comprehension -Prediction and inference** 

Explore how to use prediction and inference. Click here.

**Lesson 2: Adventure Story: Reading Comprehension -**Fact retrieval.

Retrieve information from a story. Click here.

**Lesson 3: Adventure Story:** Identifying the features of a text.

Learn how to identify the key aspects of a story. Click here.

**Lesson 4: Adventure Story:** GPS focus - Prepositions.

Learn how to use prepositions effectively. Click here.





#### Lesson 5: To write an adventure story.

Apply your understanding from throughout the week by continuing your own adventure story. Click here.



# Weekly Spellings: vein – weigh – eight – neighbour – they – obey



Having any problems with the tasks? Feel free to pop any questions or issues onto our class Padlet here!



Don't forget to join us every afternoon, Monday to Friday, at 1pm click here to take part in a live discussion on Microsoft Teams about the day's learning alongside your classmates and teacher.



### Maths - Lesson 1

#### The 3 times-table



Complete the multiplications.





Dani makes an array using counters.



Write two multiplication and two division facts represented by the array.

Complete the number sentences.

Complete the number sentences.

What patterns do you notice?

Write <, > or = to compare the statements.



Colour all the numbers in the 3 times-table.

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 two patterns do you notice?



a)						
	3	3	3	3	3	3

b)	36	

Mo has 7 packets of 3 stickers.

Eva has 3 packets of 9 stickers.

Who has the greatest number of stickers? \_\_\_\_\_



a) Complete the multiplications.

Are the answers odd or even? Tick your answer.

	odd	even
1 × 3 = 3		
2 × 3 =		
3 × 3 =		
× 3 = 12		

b) What would the next multiplication be?

c) What do you notice about the products?

d) Will the product of 11 x 3 be odd or even?

Use the fact that  $12 \times 3 = 36$  to work out the calculations.

How did you work this out?

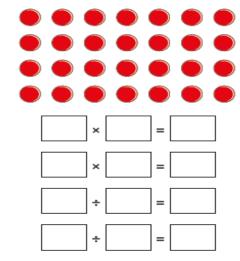
Did you find the answers in the same way as your partner?

### Maths - Lesson 2

### The 4 times-table



Complete the statements.



Complete the multiplication.





- a) 6 × 4 =
- g) 24 ÷ 4 =

b) 4 × 3 =

- h) 8 ÷ 4 =
- c) = 7 × 4
- i) 0 ÷ 4 =
- d) 4 × = 48
- j) ÷ 11 = 4

e) 0 × 4 =

k) ÷ 4 = 5

f) 4 × 9 =

I) 1 × 4 =

- Complete the number sentences.
  - a) 2 × 4 =

c) 3 × 4 =

4 × 4 =

3 × 8 =

8 × 4 =

3 × 12 =

- b) 8 = 4 ×
  - 16 = 4 ×
  - 32 = 4 ×

What patterns do you notice?



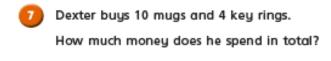
- Write <, > or = to compare the statements.
  - a) 48 ÷ 12

- d) 4 ÷ 4 ( ) 4 × 4
- b) 36 ( ) 40 ÷ 4
- e) 1 × 4 ( ) 4 × 1
- c) 16 ÷ 4 ( ) 4 × 4
- f) 4 × 2 ( ) 32 ÷ 4

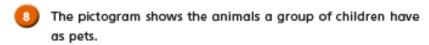
A paper clip is 4 cm long.



How long are 6 of these paper clips?









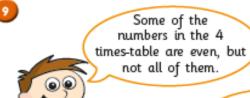
Complete the pictogram.

Animal	Pictogram	Number of animals
cat		
dog		28
bird		
mouse		

= 4 animals

Teddy

Who is correct? \_



All numbers in the 4 times-table are even.



How do you know? Talk about it with a partner.

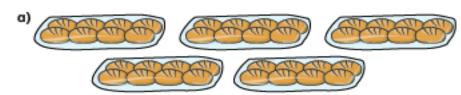


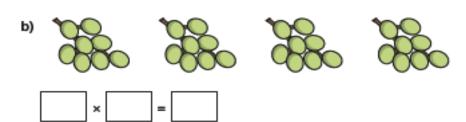
### The 8 times-table



How many are there in total?

Complete the multiplications.





- 2 Complete the number tracks.

  a) 0 8 16 24
  - b) 96 88 80

Here is an array made up of triangles.



a) What multiplication sentence can you see?

b) What division sentence can you see?

Complete the calculations.

Try to do the calculations in your head.



What multiplication can you see?



Complete the multiplications.

- a) 2 × 8 =
- b) 8 = 8 ×

4 × 8 =

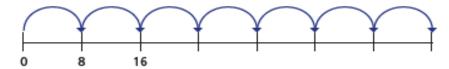
16 = 8 ×

8 × 8 =

32 = 8 ×

What patterns do you notice?

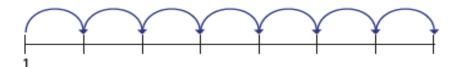
a) Amir draws 7 jumps of 8 on a number line.



What number does Amir end on?

Explain how you worked it out.

b) This time, Amir makes 7 jumps of 8, but starts from 1



What number does Amir end on this time?

Explain how you know.

Boats can be hired on a lake.

There are 5 large boats and 8 small boats on the lake.

Each boat is full.

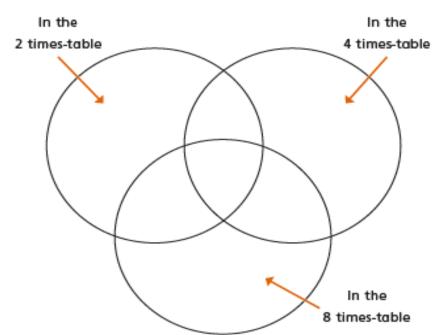
How many people are on the lake?





Put the numbers into the sorting diagram.

2 4 16 32 48 36 12 6



Are any of the parts empty? Why? Talk about it with a partner.



### Maths – Lesson 3

There are 23 marbles in a jar. There are 5 jars.



Tens	Ones

Work out  $4 \times 15$ 

Tens	Ones
10	00000
10	00000
10	00000
100	00000

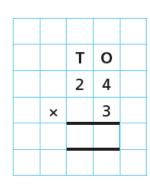
How many marbles are there in total?

There are marbles in total. Complete the multiplications.

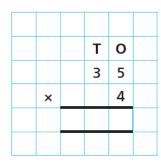


Complete the column multiplications.

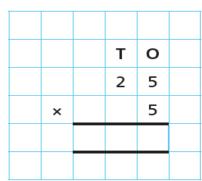
Tens	Ones
10 10	0000
10 10	0000
10 10	0000

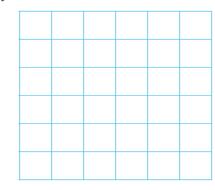


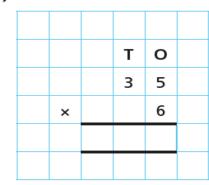
Tens	Ones
10 10 10	0000
10 10 10	0000
10 10 10	0000
10 10 10	00000

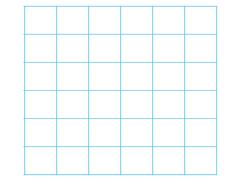


Work out the multiplications.



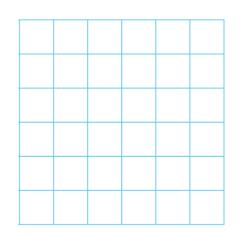






Tommy works out 37 × 2

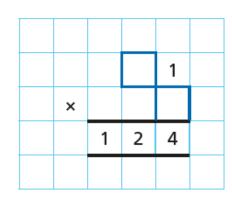
		T	0	
		3	7	
×			2	
	6	1	4	



What mistake has Tommy made? Work out the correct answer.

7 Find the missing numbers.

	2	2	
×			
	8	8	



8 Here are some digit cards.

1
---

2

3

4

5

8

a) Use the digit cards to create a multiplication and work out the answer.

	×	]=[	
--	---	-----	--

- b) Work with a partner to find calculations that have:
  - an odd product
  - an even product
  - an exchange in the ones column
  - an exchange in the ones and tens columns.





### Maths - Lesson 4

### Divide 2-digits by 1-digit (2)

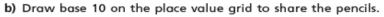
White Rose Maths

Rosie has 56 pencils.



a) Draw base 10 to represent the pencils.

Rosie shares the 56 pencils equally between 4 pots.



Tens	Ones

- c) How many pencils are in each pot?
- d) Did you have to make an exchange?



Eva has this money.













She wants to share the money equally between 3 people.

a) Use the place value chart to show how Eva can share the money.

Tens	Ones

b) How much money does each person get?

Divide 72 by 3











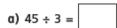




Tens	Ones

Use the place value counters to help you.

Use base 10 or counters to work out the divisions.

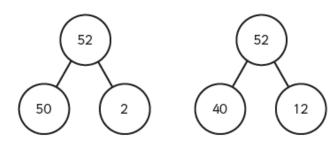


Rosie and Tommy are working out 52 ÷ 4

They both use a part-whole model.

Rosle

Tommy



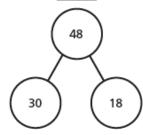
a) Whose part-whole model will help them with the division?

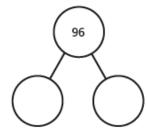
How do you know?

b) Use a part-whole model to work out 52 ÷ 4



Use the part-whole models to complete the divisions.





Here are 3 divisions.

a) What is the same about the questions? What is different?

b) Complete the divisions.

c) What do you notice? Talk about it with a partner.





### Maths – Lesson 5



Aisha has some fruit.



























Complete the sentences to describe the fruit.

There are apples.

There are strawberries.

There are times as many strawberries as apples.

Huan is comparing 2 pieces of ribbon.



Complete the sentences to describe the ribbon.

The spotty ribbon measures

The plain ribbon measures

The plain ribbon is times as long as the spotty ribbon.

Match the bar models to the statements.

Write the missing statement.

girls

boys \_\_\_\_\_

There are 4 times as many boys as girls.

girls

boys

There are 3 times as many boys as girls.

girls

boys



There are 3 purple balloons.

There are 4 times as many pink balloons.

Complete the bar model to show how many pink balloons there are.

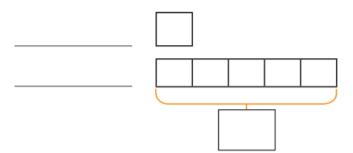
purple 3
pink 3 3 3 3



The red rope is 8 m long.

The blue rope is 5 times as long.

a) Label and complete the bar model.



b) How long is the blue rope?

The blue rope is m long.

Ron has 5 bananas.

Esther has 6 times as many bananas as Ron.

Draw a bar model to work out how many bananas Esther

as got.			

Esther has got bananas.

Complete the sentences.

45 is times greater than 5

× 5 = 45

5 is times smaller than 45

45 ÷ 5 =

The children are weighing out flour.



Use the clues to work out which child used which scales.

- Eva has twice as much as Alex.
- Dexter has 9 times as much as Alex.
- Annie has 3 times as much as Eva.
- Tommy has twice as much as Eva and 4 times as much as Alex.

	Alex	Eva	Dexter	Annie	Tommy
Scales					





## **Maths Challenges**

# Challenge 1

Eric bakes these two trays of muffins.





He eats 2 muffins.

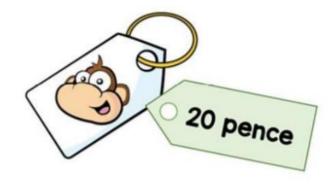
His dad eats 3 muffins.

His sister eats 4 muffins.

How many muffins does he have left?

# Challenge 2

Lola buys this key ring.



Her mum givers a quarter of the money.

She pays for the rest herself.

How much does she pay herself?





# Challenge 3



How old is the teacher?



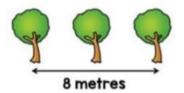
# Challenge 4

Ten trees are planted in a row.



The trees are spaced out equally.

The distance between the fourth and sixth tree is 8 metres.



What is the distance between the first and last tree?





# **Weekly Spellings**

The spelling focus this week is the 'ay' sound spelt 'ei', 'eigh' and 'ey'.

Spellings	<b>Cover and write</b>	Cover and write
vein		
weigh		
eight		
neighbour		
they		
obey		





### **English - Lesson 1**

### **Comprehension - predict**

 What evidence is there to suggest that the boy will enjoy the rest of his birthday? (2 marks)
 The WAGOLL is on the next slides.

The boy had excitedly written his birthday wish list several weeks ago, but he didn't know if anyone had read it. He had dropped numerous hints to his mum, dad and grandparents, yet he wasn't sure they had been paying attention. In his quiet, cosy bedroom surrounded by darkness, the little boy gradually fell into a deep, peaceful sleep. As he slept, a box lay quietly still on the soft, red quilt at the bottom of his bed. To anyone else, it may have looked like a plain, ordinary box. However, to the boy it was very special indeed.

As soon as he woke up, he tore open the wrapper and discarded the gift tag with the kind words from his mum and dad. It was just what he wanted! The legendary, incredible Traction Man was here! As quick as a flash, Traction Man pounced from his dark, solid box into full view. He was wearing his extra special combat boots and warfare shirt, which meant he was ready to embark on some amazing adventures!

### **Comprehension - inference**

2) Did the boy think he was going to get the presents he wanted? (2 marks)





### **Comprehension - inference**

3) Read the statements below and tick whether you think it is a fact or an opinion. The WAGOLL is on the next slides.

Statement	fact	opinion
The boy's bedroom was quiet and cosy.		
The boy had written a birthday wish list.		
Traction Man was about to start some amazing adventures.		

### **Comprehension - inference**

4) **Look at the final sentence.** What can you infer about Traction Man? Use evidence from the text to support your answer.
(2 marks)

## **Comprehension - predict**

5) How do you think the boy's parents will feel when they see him with the toy? (2 marks)

All answers to the above questions are at the end of this pack.





### English – Lesson 2

### **Traction Man**

In the distance, Traction Man heard the muffled sound of farm animals crying for help. Immediately, he changed into his latex space suit and perspex helmet because he knew he had to save the day. Ready for action, he jumped into his red, jet-powered trainer and as fast as lightning he zoomed across the bedroom. All of a sudden, Traction Man caught a glimpse of the evil Pillow People, who were up to no good! Bravely and cautiously, Traction Man landed on the striped duvet.

Then, he stormed towards the wicked pillows as they had captured the innocent, defenceless farmyard animals. He jumped on the pillows, so that they felt the full force of his turbo rocket boots. Fortunately, he managed to rescue all the animals from the evil pillows and save the day. The grateful, relieved animals rejoiced as Traction Man was their hero!

### **Comprehension - Fact Retrieval**

- 1. In the first sentence, how did Traction Man know that the farmyard animals were in trouble? (1 mark)
- 2. Who did Traction Man see first on the bed? (1 mark)

- 3. How did Traction Man hurt the pillows? (1 mark)
- 4. How did Traction Man save the day? (1 mark)





# **Comprehension - Fact Retrieval**

5. Draw a line to match the characters to their actions. (2 marks)

**Comprehension - Fact Retrieval** 

6. Tick true or false for each statement. (2 marks)

Statement	True	False
Traction Man changed into his diving suit when he heard the farm animals.		
He had to leave an animal behind.		
He jumped into a trainer to get to the bed.		

Traction Man had been captured

Evil Pillows saved the day

Farm animals felt the full force of turbo

rocket boots







### English – Lesson 3

# **Traction Man**

Across the kitchen, Traction Man heard the bubbling of a sieve in need of urgent help. With no time to spare, he put on his sub-aqua suit, fluorescent flippers and infra-red mask because he knew he had to be the hero of the hour. Preparing for his next mission, he dived deep into the foamy waters. He bravely swam between the shipwrecks and dodged the variety of weird, colourful creatures hiding deep below the waves. As he explored the lost wreck of the sieve, it suddenly went dark like somebody had turned out the lights. A huge shadow made everything in the murky depths turn immediately pitch black. Traction Man began to panic as he realised that it must be that poisonous Dishcloth of Doom!

He scanned left, right, up, down, forwards and backwards, but there was no escape route. Just then, a friendly-looking creature appeared at his side and grabbed Traction Man's sleeve in his teeth. The pair were almost suffocated by the dishcloth, but they miraculously shot through the water like a speeding bullet. The confused, yet grateful hero found himself sitting safely on the side of the sink next to the panting creature. The scrubbing brush gleefully wagged its tail and smiled up at Traction Man. He thanked the brave brush for saving him and from that moment on, he knew they were going to be the best of friends.





### **Key Features of a Text**

Across the kitchen, Traction Man heard the bubbling of a sieve in need of urgent help. With no time to spare, he put on his sub-aqua suit, fluorescent flippers and infra-red mask because he knew he had to be the hero of the hour. Preparing for his next mission, he dived deep into the foamy waters. He bravely swam between the shipwrecks and dodged the variety of weird, colourful creatures hiding deep below the waves.

1) 'Dived', 'swam' and 'dodged' are all written in which tense?

- 2) Find and copy an adjective that describes the water. (1 mark)
- 3) **Find** and **copy** three fronted adverbial phrases from the text above. (3 marks)

As he explored the lost wreck of the sieve, it suddenly went dark like somebody had turned out the lights. A huge shadow made everything in the murky depths turn immediately pitch black.

Traction Man began to panic as he realised that it must be the poisonous Dishcloth of Doom!

4) 'Suddenly' and 'immediately' are examples of which feature?

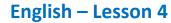
The pair were almost suffocated by the dishcloth, but they miraculously shot through the water like a speeding bullet. The confused, yet grateful hero found himself sitting safely on the side of the sink next to the panting creature. The scrubbing brush gleefully wagged its tail and smiled up at Traction Man. He thanked the brave brush for saving him and from that moment on, he knew they were going to be the best of friends.

5) 'Through' and 'up' are examples of which feature?

All answers to the above questions are at the end of this pack.









# Your task: generate sentences using correct prepositions.

Examples: Before tea, I read a newspaper report on my laptop.

The yellow bird is perched in the cage.








Prepositions of place				
on	between			
in	near			
beside	over			
underneath	beneath			
behind	opposite			
next to	to the left			
above	to the right			
below	under			

Prepositions of time
before
after
at
in
on
during







# Your task: it's your turn to write sentences with prepositions in about objects in your home!





All answers to the above questions are at the end of this pack.

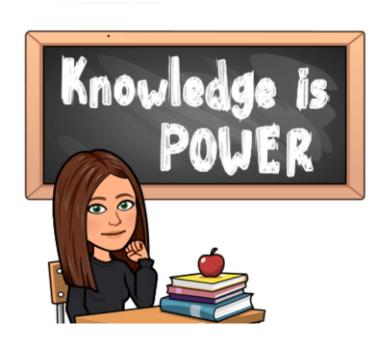




**English – Lesson 5** 

# **Key Features of a Story**

- Adjectives/expanded noun phrases
- Fronted adverbial phrases
- Adverbs
- Conjunctions
  - Co-ordinating (and, but, yet, so...)
  - Subordinating (because, that, when...)
- Past tense
- Commas in a list
- Prepositions







# **Your Turn - Planning**

Who is in trouble or danger? Where are they?

What costume does
Traction Man need to
change into?



What happens as he tries to help?





# **Your Turn - Planning**

Think about - how is Traction Man rescued?

Think about - how do Traction Man and Scrubbing Brush become best friends?







# **Your Turn - Writing**

Now it's time to put all of your ideas into a paragraph (or two!) to continue the adventures of Traction Man!

Remember to include the features of a story, especially prepositions.







# To be successful...

Feature	Example
Adjectives/expanded noun phrase	brave, evil, colourful, huge, murky, poisonous, deadly sub-aqua suit, fluorescent flippers, infra-red mask
Fronted adverbial phrase	From the kitchen, In the living room, From out of nowhere, All of a sudden, To his surprise,
Adverbs	bravely, immediately, amazingly, quickly, efficiently, rapidly, miraculously, cautiously, fortunately
Past tense	changed, jumped, dived, landed, he was, they were
Conjunctions	Co-ordinating (and, but, yet, so, nor, for) Subordinating (because, that, when, if, although)
Prepositions	on, between, in, near, beside, over, underneath, beneath, behind, opposite, next to, above, below, under before, after, at, in, on, during
Commas in a list	his latex space suit, perspex helmet and turbo rocket shoeshad captured the frightened, innocent and defenceless



### The 3 times-table



Complete the multiplications.







Dani makes an array using counters.



Write two multiplication and two division facts represented by the array.

Complete the number sentences.

Complete the number sentences.

What patterns do you notice?



Write <, > or = to compare the statements.

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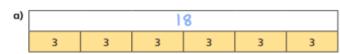


Colour all the numbers in the 3 times-table.

1	2	M	4	5	The same	7	8	B	10
11	B	13	14	M.	16	17	187	19	20
12/2	22	23	M	25	26	PAR	28	29	30%
31	32	M	34	35	136	37	38	13%	40
41	M	43	44	M	46	47	M.	49	50

What two patterns do you notice?

Work out the missing values in each bar model.



b)		36		
	12	12	12	

8 Mo has 7 packets of 3 stickers.

Eva has 3 packets of 9 stickers.

Who has the greatest number of stickers?

- 5
- a) Complete the multiplications.

Are the answers odd or even? Tick your answer.



b) What would the next multiplication be?

- c) What do you notice about the products?
- d) Will the product of 11 × 3 be odd or even? Odd
- Use the fact that  $12 \times 3 = 36$  to work out the calculations.

How did you work this out?

Did you find the answers in the same way as your partner?



#### The 4 times-table



Complete the multiplication.



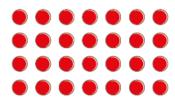
8 × 4 = 32



- 4 × 3 = 12
- Complete the number sentences.
  - a) 6 × 4 = 24
- g) 24 ÷ 4 = 6
- b) 4 × 3 = |2
- h) 8 ÷ 4 = 2
- c) 28 = 7 ×
- i) 0 ÷ 4 =
- d) 4 × 12 = 48
- j) 44 ÷ 11 = 4
- e) 0 × 4 =
- k) 20 ÷ 4 =
- f)  $4 \times 9 = 36$
- I) 1 × 4 =

What multiplication and division statements does the array represent?

Complete the statements.



Complete the number sentences.

What patterns do you notice?







- 5) Write <, > or = to compare the statements.
  - a) 48 ÷ 12 = 4
- d) 4 ÷ 4 (< ) 4 × 4
- b) 36 (>) 40 ÷ 4
- e) 1 × 4 (= ) 4 × 1
- c) 16 ÷ 4 (< ) 4 × 4
- f) 4 × 2 (= ) 32 ÷ 4
- 6 A paper clip is 4 cm long.



How long are 6 of these paper clips?

24am

7 Dexter buys 10 mugs and 4 key rings.

How much money does he spend in total?



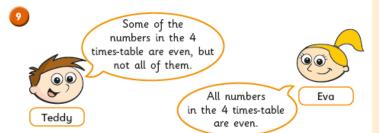
€52

The pictogram shows the animals a group of children have as pets.

Complete the pictogram.

Animal	Pictogram	Number of animals
cat	0000	16
dog	0000000	28
bird	00000	20
mouse		4





Who is correct? <u>Eva.</u>

How do you know? Talk about it with a partner.





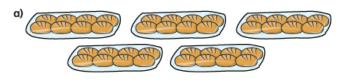


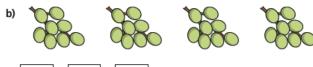
### The 8 times-table



How many are there in total?

Complete the multiplications.

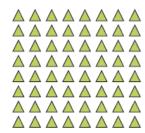




Complete the number tracks.

a)	0	8	16	24	32	40	५६	56

Here is an array made up of triangles.



a) What multiplication sentence can you see?

b) What division sentence can you see?

Complete the calculations.

Try to do the calculations in your head.

d) 
$$32 = 8 \times 4$$





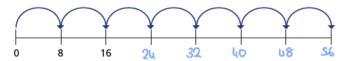
What multiplication can you see?



- Complete the multiplications.
  - a)  $2 \times 8 =$

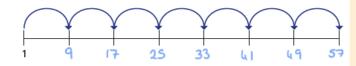
What patterns do you notice?





What number does Amir end on? 56 Explain how you worked it out.

b) This time, Amir makes 7 jumps of 8, but starts from 1



What number does Amir end on this time? 57



Boats can be hired on a lake. There are 5 large boats and

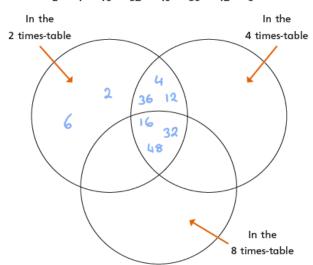
> 8 small boats on the lake. Each boat is full.

How many people are on the lake?



Put the numbers into the sorting diagram.

48 36 12 6 16 32



Are any of the parts empty? Why? Talk about it with a partner.







### Multiply 2-digits by 1-digit (2)



There are 23 marbles in a jar.
There are 5 jars.



Tens	Ones

How many marbles are there in total?

There are | | | 5 | marbles in total.

### Work out 4 x 15

Tens	Ones
0	00000
10	00000
<u> </u>	00000
10	00000

### Complete the multiplications.

### Complete the column multiplications.

Tens	Ones
· ·	0000
000	0000
10 10	0000



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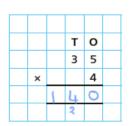






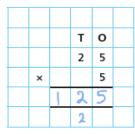


Tens	Ones		
000	00000		
000	00000		
000	00000		
000	00000		

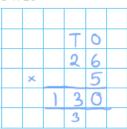


Work out the multiplications.

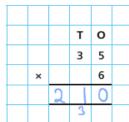




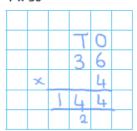
c) 5 × 26



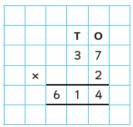
**b)** 35 × 6

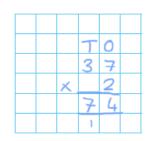


d) 4 × 36



 $\overline{6}$  Tommy works out 37 x 2

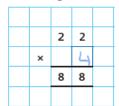


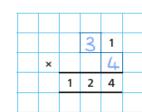


What mistake has Tommy made? Work out the correct answer.



Find the missing numbers.





8 Here are some digit cards.



a) Use the digit cards to create a multiplication and work out the answer.

b) Work with a partner to find calculations that have:



- an odd product
- an even product
- an exchange in the ones column
- an exchange in the ones and tens columns.







### Divide 2-digits by 1-digit (2)



Rosie has 56 pencils.

a) Draw base 10 to represent the pencils.



Rosie shares the 56 pencils equally between 4 pots.

b) Draw base 10 on the place value grid to share the pencils.

Tens	Ones		
	e 6 1 0		

c) How many pencils are in each pot?

d) Did you have to make an exchange?











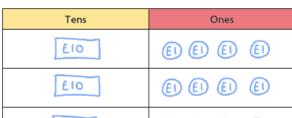






She wants to share the money equally between 3 people.

a) Use the place value chart to show how Eva can share the money.



b) How much money does each person get?

£10













Tens	Ones		
(i) (ii)	$\bigcirc$		
(1)	$\bigcirc\bigcirc\bigcirc\bigcirc\bigcirc\bigcirc\bigcirc\bigcirc$		
(6) (6)	$\bigcirc$		

Use the place value counters to help you.









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### PONTEFRACT ACADEMIES TRUST

### **Maths Lesson 4 - ANSWERS**

Use base 10 or counters to work out the divisions.

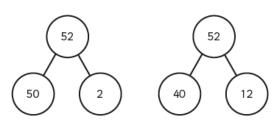


- c) 92 ÷ 4 = 23
- Rosie and Tommy are working out 52 ÷ 4

They both use a part-whole model.

Rosle

Tommy



a) Whose part-whole model will help them with the division?



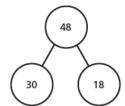
How do you know?

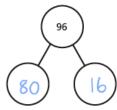


b) Use a part-whole model to work out 52 ÷ 4



Use the part-whole models to complete the divisions.





Here are 3 divisions.

a) What is the same about the questions? What is different?



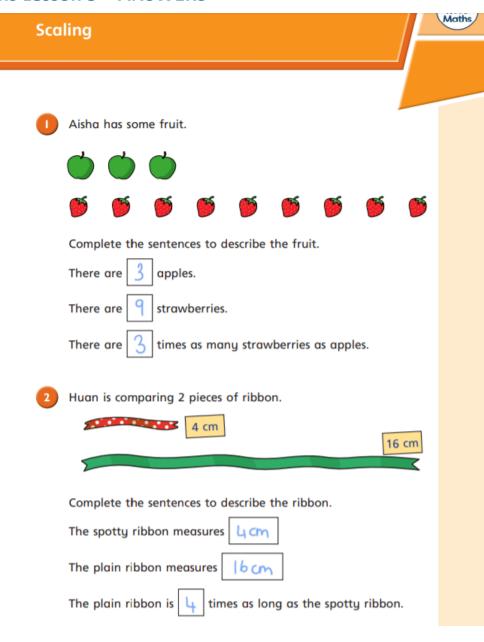
b) Complete the divisions.

c) What do you notice? Talk about it with a partner.



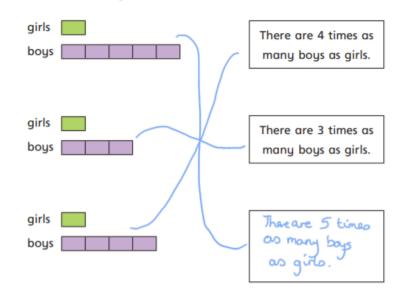






Match the bar models to the statements.

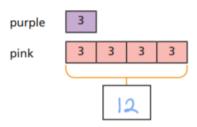
Write the missing statement.



There are 3 purple balloons.

There are 4 times as many pink balloons.

Complete the bar model to show how many pink balloons there are.



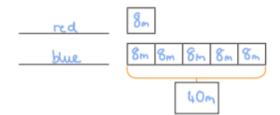




The red rope is 8 m long.

The blue rope is 5 times as long.

a) Label and complete the bar model.



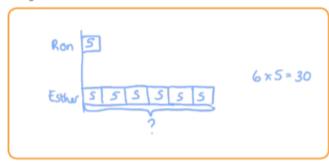
b) How long is the blue rope?

The blue rope is 40 m long.

Ron has 5 bananas.

Esther has 6 times as many bananas as Ron.

Draw a bar model to work out how many bananas Esther has got.



Esther has got 30 bananas.

Complete the sentences.

45 is q times greater than 5

5 is q times smaller than 45

8 The children are weighing out flour.



Use the clues to work out which child used which scales.

- Eva has twice as much as Alex.
- Dexter has 9 times as much as Alex.
- Annie has 3 times as much as Eva.
- Tommy has twice as much as Eva and 4 times as much as Alex.

	Alex	Eva	Dexter	Annie	Tommy
Scales	D	ŧ	B	Α	C









# Maths Challenge – ANSWERS

# **Answers**

Challenge 1 - 3 muffins

Challenge 2 - 15 pence

Challenge 3 - 24-years-old

Challenge 4 - 36 metres





#### **Answers English Lesson 1**

- He will enjoy the rest of his birthday because he says the legendary, incredible Traction Man was here. This suggests he would enjoy playing with it.
- 2. No, he presumed he wouldn't get Traction Man because he dropped lots of hints and did not think anyone was paying attention.
- 3. Opinion/fact/opinion\*

- 4. He is well prepared because the text says he was wearing his extra special combat boots and warfare shirt, which meant he was ready to embark on some amazing adventures.
- 5. They will feel happy because their son is excited to have received the present.

#### **Answers English Lesson 2**

- 1. Because he heard the muffled sound of animals crying for help.
- 2. The evil Pillow People.
- 3. He jumped on the pillows.
- 4. He rescued all the animals.
- Traction Man saved the day
   Evil Pillows felt the full force of the rocket boots
   Farm animals had been captured
- 6. False, False, True \*

### **Answers English Lesson 3**

- 1. Hearing.
- 2. The huge, metal machinery.
- 3. As the sun arose.
- Surrounding the field.\*
   Inside the farm.\*
- 5. Strangely.
- 6. The Iron man's footprints.

#### Answers English Lesson 4 (examples of prepositions that could be used to match the picture)

I sleep under my cosy duvet until my alarm wakes me up.

At 4pm, I help my parents prepare tea in the kitchen.

My cat waits next to the wooden door.

I can see the winding path and rolling hills outside the window.

The fruit bowl is on the table beside the pie.