



Thorplands Year 3 Home learning activities

6th-10th of July

Day	Morning activities REMEMBER: The answers to all of these questions will be uploaded in the afternoon for you!	English 	Maths 	Wider Curriculum 
Monday	<p>Complete:</p> <p>5 Fluency Questions 5 maths problems Spelling challenge How much money does Mr Hemmings have?</p> <p><u>(worksheet has been included for you and the answers included)</u></p>	<p>Unicorns Uncovered</p> <p>Writing: Get started with mythical beasts and design your own creature.</p> <p>Reading: read <i>The Decider</i> and answer the comprehension questions (answers are provided in the daily answer section).</p>	<p>Oak National Academy – <u>Develop an understanding of clocks</u></p> <p>Watch the lesson here: https://classroom.thenational.academy/lessons/develop-an-understanding-of-clocks/activities/2</p> <p>Complete the worksheets provided (answers on the video).</p> <p>Revision: Complete your Rapid Reasoning tasks Day 1 worksheet in pack (answers on separate sheet)</p>	<p>Spanish:</p> <p>To be able to name family members and pets in Spanish</p> <p>Watch the lesson here: https://classroom.thenational.academy/lessons/to-be-able-to-name-family-members-and-pets-in-spanish/activities/2</p>
Tuesday	<p>Complete:</p> <p>5 Fluency Questions 5 maths problems Spelling challenge How much money does Mr Hemmings have?</p> <p><u>(worksheet has been included for you and the answers included)</u></p>	<p>Unicorns Uncovered</p> <p>Read through the model text and complete the worksheets about the meaning of words.</p>	<p>Oak National Academy – <u>Tell the time to 5-minute intervals on an analogue clock</u></p> <p>Watch the lesson here: https://classroom.thenational.academy/lessons/tell-the-time-to-5-minute-intervals-on-an-analogue-clock/activities/2</p> <p>Complete the worksheets provided (answers on the video).</p> <p>Revision: Complete your Rapid Reasoning task Day 2 worksheet in pack (answers on separate sheet)</p>	<p>Geography: Oceans</p> <p>Watch the lesson here: https://www.bbc.co.uk/bitesize/articles/zmmp7yc</p> <p>Watch the video online and complete the online quiz. Then research and colour in the map, where are the world’s oceans? (worksheet provided)</p>
Wednesday	<p>Complete:</p> <p>5 Fluency Questions 5 maths problems Spelling challenge How much money does Mr Hemmings have?</p> <p><u>(worksheet has been included for you and the answers included)</u></p>	<p>Unicorns Uncovered</p> <p>Have a look again at the Unicorn Uncovered text and hunt for the answers on the worksheet. Then complete the spelling and grammar activities.</p> <p>Reading: read <i>Delivery Bot</i> and answer the comprehension questions (answers are provided in the daily answer section).</p>	<p>Oak National Academy – <u>AdTell the time to 1-minute intervals on an analogue clock (past the hour)d and subtract capacity and volume</u></p> <p>Watch the lesson here: https://classroom.thenational.academy/lessons/tell-the-time-to-1-minute-intervals-on-an-analogue-clock-past-the-hour/activities/2</p> <p>Complete the worksheets provided (answers on the video).</p> <p>Revision: Complete your Rapid Reasoning tasks for this week – Day 3 worksheet in pack (answers on separate sheet)</p>	<p>Science: Rocks soil and fossils</p> <p>Watch the lesson here: https://www.bbc.co.uk/bitesize/articles/zvb2kty</p> <p>Have a go at the online activities.</p>

Day	Morning activities REMEMBER: The answers to all of these questions will be uploaded in the afternoon for you!	English 	Maths 	Wider Curriculum 
Thursday	<p>Complete:</p> <p>5 Fluency Questions 5 maths problems Spelling challenge How much money does Mr Hemmings have?</p> <p><u>(worksheet has been included for you and the answers included)</u></p>	<p>Unicorns Uncovered</p> <p>Magic potions! Read the example text and then write your own poetry potion on the scroll sheets provided.</p>	<p>Oak National Academy – <i>Tell the time to 1-minute intervals on an analogue clock (to the hour)</i> Watch the lesson here: https://classroom.thenational.academy/lessons/tell-the-time-to-1-minute-intervals-on-an-analogue-clock-to-the-hour/activities/2 Complete the worksheets provided (answers on the video).</p> <p>Revision: Complete your Rapid Reasoning tasks for this week – Day 4 worksheet in pack (answers on separate sheet).</p>	<p>Computing: code your own archery game.</p> <p>Find the lesson here: https://projects.raspberrypi.org/en/projects/archery</p> <p>Find Scratch here: https://scratch.mit.edu/projects/editor/?tutorial=getStarted</p>
Friday	<p>Complete:</p> <p>5 Fluency Questions 5 maths problems Spelling challenge How much money does Mr Hemmings have?</p> <p><u>(worksheet has been included for you and the answers included)</u></p>	<p>Unicorns Uncovered</p> <p>Build a unicorn den to prepare for your own unicorn writing next week!</p> <p>Reading: read <i>The Chase</i> and answer the comprehension questions (answers are provided in the daily answer section).</p>	<p>Oak National Academy – <i>To use a duration to find a start and finish time</i> Watch the lesson here: https://classroom.thenational.academy/lessons/to-use-a-duration-to-find-a-start-and-finish-time/activities/2 Complete the worksheets provided (answers on the video).</p> <p>Revision: Complete your Rapid Reasoning tasks for this week – Day 5 worksheet in pack (answers on separate sheet)</p>	<p>Music: make your own music from objects around the house!</p> <p>Watch the lesson here: https://www.bbc.co.uk/bitesize/articles/zknygj6</p> <p>Have a go at making your own music!</p>



Year 3 Monday morning activities



5 Fluency Questions

$21 \times 3 =$

$2 \times 8 =$

$30 + 61 =$

$86 - 30 =$

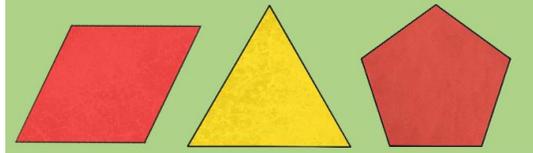
$40 \div 8 =$

5 Maths Problems

What is 619 in words?

658, how many would I have with 100 less?

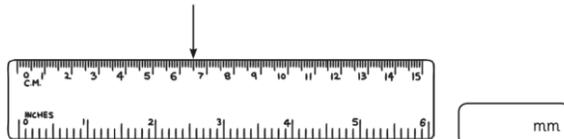
How many sides are there in total?



Put these in order, smallest to largest



How many cm is the arrow pointing to? Now write the measurement in mm.



Spelling Challenge

Find the words in the list below:

l	w	d	i	f	f	i	c	u	l	t	t
i	n	t	e	r	e	s	t	a	s	t	v
u	n	k	y	b	t	c	r	h	n	v	e
n	p	b	b	q	z	u	t	e	s	l	k
p	s	l	k	z	t	r	c	k	c	k	p
f	r	n	a	a	e	v	r	v	t	e	
s	i	e	n	e	r	q	i	k	n	z	r
t	o	v	s	h	d	c	x	e	i	h	h
u	x	f	m	s	h	y	c	y	s	e	a
x	s	d	i	y	u	e	q	j	w	a	p
m	f	p	u	l	r	r	f	f	l	r	s
z	b	i	c	y	c	l	e	t	h	t	g

circle
earth
bicycle
heart
interest

perhaps
pressure
natural
difficult
recent

How much does Mr Hemmings have?

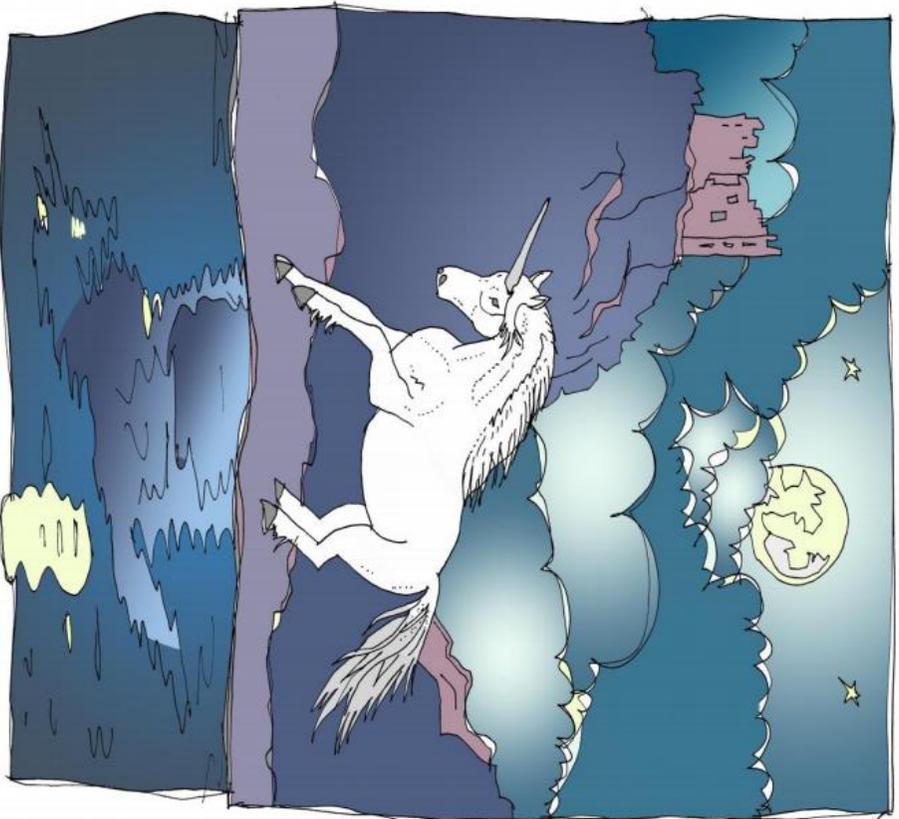
Help Mr Hemmings to work out how much money he has



Unicorns Uncovered

A workbook

By Jo Pearce





Welcome to this workbook.
Let me introduce you to your
virtual teacher, Jo. She will
guide you through the
activities.



Hello,
Please read my instructions carefully.
You will need something to write
with, or a computer to type on.
Are you ready to become a unicorn
expert? Have fun!



Let's get started!

1. Sparky-start: mythical beast mix-ups!



In this booklet, you will learn all about unicorns. Unicorns are one of many mythical beasts that have been written about and talked about over time. Let's have some fun with my 'mythical beast mix-up'!

Legends and stories are full of mythical creatures and fantastic beasts that are made up of parts of other animals mixed together. These are called 'hybrids'. They are fun to explore. For example:



Centaurs have the upper body of a human and the lower body of a horse.



Griffins have the body, legs and tail of a lion and the wings of an eagle.



The Minotaur has the head of a bull and the body of a human.

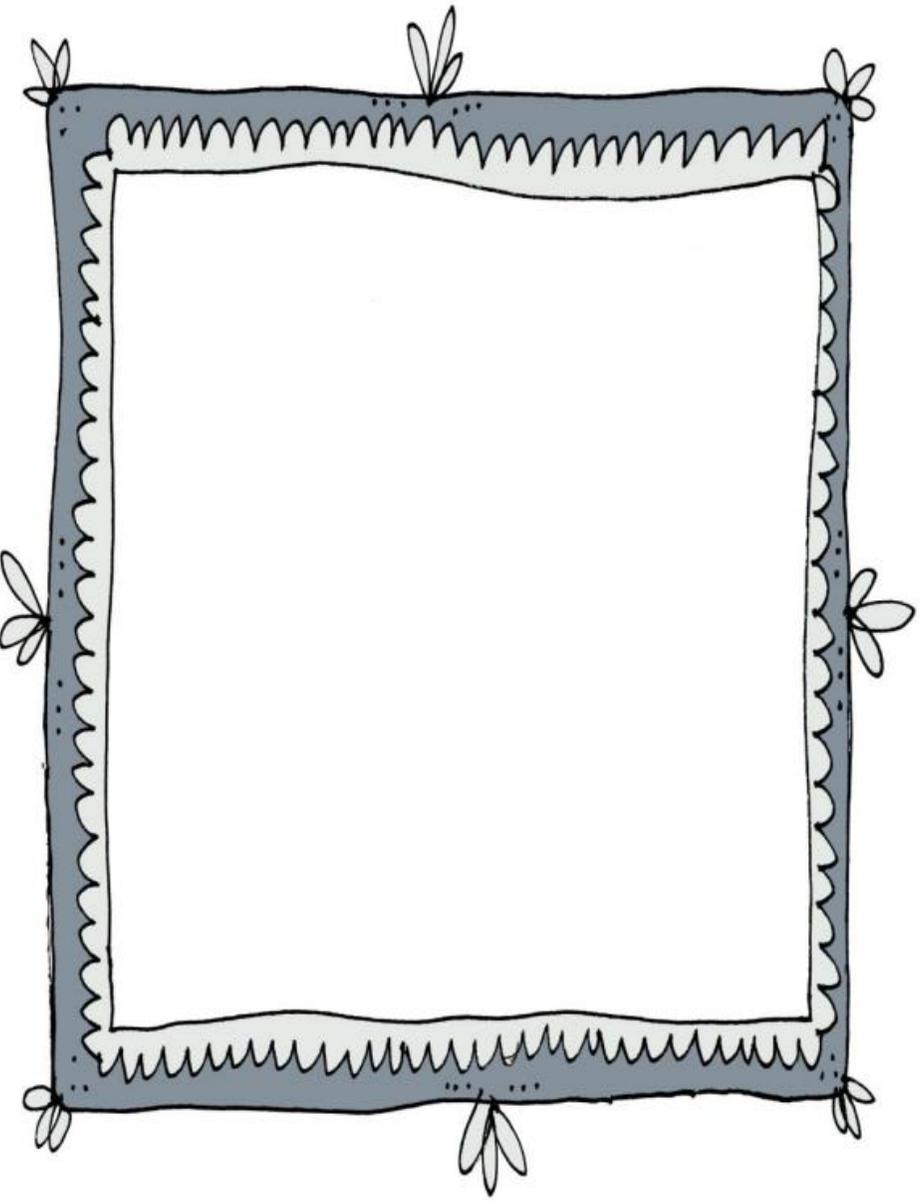
Invent your own mythical beast

To start our unit of work, spend some time making up your own mythical beast. It could have different parts of interesting animals. Think about its legs, body and head. It might have a tail, wings or fins.

I had a go with some pencil crayons in my notebook. As you can see, I am not brilliant at drawing, but I had a lot of fun. My creature has the head and neck of a flamingo, the body and wings of a penguin, the legs of an elephant and a skunk's tail. I have called it the Flamenguin.



If you would like some help with your drawing, there are lots of really helpful artists and guides online for drawing animals. Google 'how to draw an elephant', for example, and you will be able to find some help. Make sure you tell an adult what you are doing. Draw yours here:





The Decider

“It’s over, Doctor Magnetor!”

A scrawny man dressed head to toe in purple spandex turned his head slowly. One of his hands was tightly gripping the overhanging rock above his head. The other was inching slowly towards his utility belt.

“Don’t do it, Doctor. I’ve got you surrounded.” A tall, brawny man stood on the damp floor of the vaulted cave. One hand was resting on his hips in a classic superhero pose. The other held a flaming torch that bathed both of them in a flickering pool of light. A gentle breeze played with his long, golden hair.

Doctor Magnetor looked around, from the ground to the ceiling far above them. “There’s nobody else here, Professor Amazing,” he said through gritted teeth.

“It’s a figure of speech!” Professor Amazing shouted angrily.

“You’ll never catch me!” Doctor Magnetor swung on the ledge and grabbed hold of what turned out to be an angry bat. He shrieked and tumbled to the ground. Shadows engulfed him.

A purple flash sprang out of the darkness and darted towards the professor. He’d been expecting it though and swivelled out of the way. There was a heavy thud. Professor Amazing shook his head sadly as he watched Doctor Magnetor dust himself off and rub his head where he’d crashed into the wall.

“This is getting ridiculous,” Professor Amazing said. “You’ve been evading me for three years now.”

“And I’ve been getting away with it!” Doctor Magnetor said proudly.

“Until now. You do know there’s only one way we can settle this forever, don’t you?”

Doctor Magnetor took a deep breath. He nodded slightly.

“If I win,” Professor Amazing continued, “it will all be over for you. You understand that?” Another nod. “If you win, you’ll be able to continue your plans for world domination, and I’ll leave you alone.”

Doctor Magnetor stepped forward suddenly. Professor Amazing flinched but realised his nemesis was holding out his hand. He shook it firmly. “It’s been an honour,” said the evil doctor.

“Any last words?” asked the professor.

“You need a better catch-phrase.”

“What’s wrong with ‘You’ve been caught by Professor Amazing’?”

“It sounds too much like a TV advert.” The doctor thought for a moment. “Maybe something like ‘There’s only room for one Amazing.’” He thought again for a second and said, “Maybe not. But work on it. It’s pretty terrible.”

“Fair enough. Is that it?”

“Will you pass on a message to my dear old mum?” Professor Amazing nodded, and Doctor Magnator continued, “Tell her to send me my sonic blaster hidden in a birthday cake. It will help me escape.”

“No,” said Professor Amazing, flatly. “Let’s get this over and done with. I don’t want to drag it out any longer.”

The two men cautiously approached each other. “Are you sure you’re ready for this?” Professor Amazing asked.

“Get on with it.”

“Okay.” Both men held out their right hand in a tensely curled fist. They raised them together three times and muttered under their breath, “Rock, paper, scissors...” Each of them opened their hand at precisely the same time.

VOCABULARY FOCUS

1. What is a pose?
2. What does “Shadows engulfed him” mean?
3. Find a word that has a definition closest to “trying to avoid or not be found”.
4. Which word tells you how Professor Amazing shook Doctor Magnator’s hand?
5. What does the word “cautiously” tell you about how they felt as they approached each other?

VIPERS QUESTIONS

- | | |
|----------|--|
| I | Why does the purple man talk through gritted teeth near the beginning? |
| R | What did Doctor Magnator grab hold of? |
| S | What did Doctor Magnator do after he raced towards Professor Amazing? |
| I | How do you think they settled their argument? |
| P | Write the next paragraph in the story. Think about what might happen. |

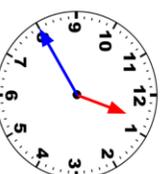
Maths

Part A

Complete the times by stating whether the **minute hand** is showing 'past' or 'to'. Some clocks need the hour identifying too.



1) 25 minutes
_____ 2.



2) 20 minutes
_____ 1.



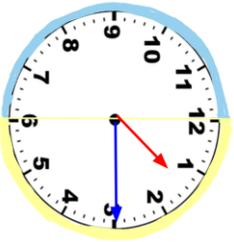
3) 10 minutes



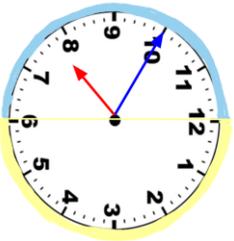
4) 10 minutes

Part B

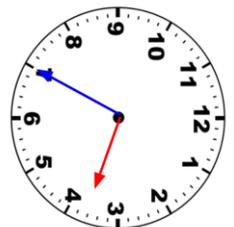
Complete the sentence stems to identify the 'hour' being shown on the clock.



5) Quarter past



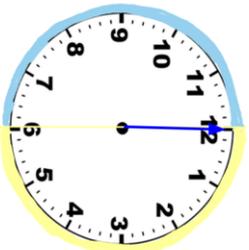
6) 10 minutes to



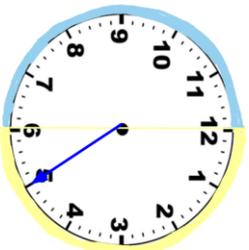
7) 25 minutes to

Part C

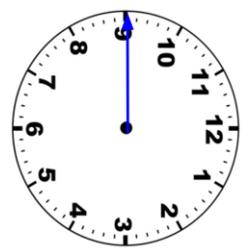
Draw the clocks into your books. Show the missing 'hour' hand accurately.



8) 7 o'clock

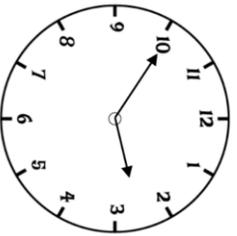


9) 25 minutes past 10



10) Quarter to 2

Challenge



Alice

"The clocks shows 10 minutes to 3."

"The clock is not pointing quite at the 3, so it must be 10 minutes to 2."



Fred

11) Who do you agree with? Explain your thinking.

- Q1** There are 473 pages in a book.
Isla has read 282 pages.

How many pages does Isla have left?

1 mark

- Q2** Liam moves a counter across a hundred square, starting at 4.

He counts in fours each time.

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
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Which of these numbers will Liam's counter land on? Circle your answer.

24

42

52

62

1 mark

Q3 Jamie has three coins.



How much money does Jamie have altogether?

£

1 mark

Q1 There are 473 pages in a book.
Isla has read 282 pages.

How many pages does Isla have left?

191 pages

1 mark

Q2 Liam moves a counter across a hundred square, starting at 4.

He counts in fours each time.

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
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Which of these numbers will Liam's counter land on? Circle your answer.

- 24 42 52 62

1 mark

Q3 Jamie has three coins.



How much money does Jamie have altogether?

£ 1.10

1 mark

The Decider

Answers:

1. A position that somebody is holding
2. He was swallowed by the shadows/they covered him completely
3. Evading
4. Firmly
5. They didn't trust each other not to do something

I: He is holding on to the ledge tightly

R: An angry bat

S: He bumped his head on the wall

I: Rock, paper, scissors

P: Any suitable prediction that links back to the game.



Year 3 Monday morning activities



5 Fluency Questions

$$21 \times 3 = 63$$

$$2 \times 8 = 16$$

$$30 + 61 = 91$$

$$86 - 30 = 56$$

$$40 \div 8 = 5$$

5 Maths Problems

What is 619 in words?

Six hundred and nineteen

658, how many would I have with 100 less? 558

How many sides are there in total?



12

Put these in order, smallest to largest

248

284

428

482

842

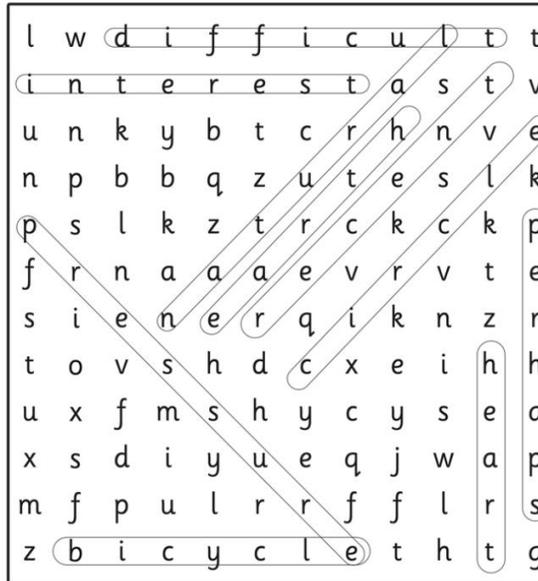
How many cm is the arrow pointing to? Now write the measurement in mm.



65mm

Spelling Challenge

Find the words in the list below:



How much does Mr Hemmings have?

Help Mr Hemmings to work out how much money he has



£11.18



Year 3 Tuesday morning activities



5 Fluency Questions

$4 \times 8 =$

$523 + 3 =$

$28 \times 5 =$

$5 + 4 + 9 =$

$100 \div ? = 25$

5 Maths Problems

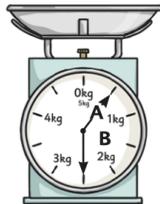


What time is this?

What time will it be in 2 hours and ten minutes?

I buy a hat priced at £3.25. I pay using a £5 note. How much change will I have?

What measurements are the arrows pointing at?



A =

B =

$90 + \square = 130$

Spelling Challenge

Find the words in the list below:

a	a	e	r	e	m	e	m	b	e	r	x
d	f	l	x	t	u	n	w	c	k	p	b
d	x	d	t	p	e	c	m	o	p	j	n
r	d	o	d	t	e	a	y	m	y	g	j
e	f	x	f	n	t	r	z	p	o	r	f
s	z	o	k	z	v	u	i	l	o	w	s
s	s	t	r	a	n	g	e	e	s	p	u
s	t	r	a	i	g	h	t	t	n	e	f
d	r	i	s	v	j	r	t	e	p	c	a
n	o	t	i	c	e	z	m	o	t	m	e
c	k	i	n	c	r	e	a	s	e	r	b
u	r	x	p	h	e	i	g	h	t	g	t

complete
experience
notice
remember
strange

straight
address
often
height
increase

How much does Mr Hemmings have?

Help Mr Hemmings to work out how much money he has



2. Model text



There was a time when the unicorn was hated and hunted. During this time, all books referencing the creature were destroyed. Luckily, Professor Dame Folklore owns a damaged copy of 'Unicorns Uncovered'. Unfortunately, the book is badly burnt, torn and water stained so, as you can see, the page I wanted to show you is impossible to read. Don't worry, I've typed it out for you on the next page.

"You can also listen to this model text online here: <https://soundcloud.com/talkforwriting/unicorns/s-k0ihgR075A>.

THE RIVER UNICORN (EQUUS UNICORNIS)
THE RIVER UNICORN IS A SHY, SOLITARY CREATURE THAT HAS BEEN SEEN ONLY THREE TIMES IN THE WILD. IT HAS A SANDY-BROWN COAT, A MANE LIKE SEA FUR, AND A TRANSPARENT HORN THAT SEEMS TO RIPPLE AND FLOW WHEN THE LIGHT CATCHES IT. THE RIVER UNICORN IS THE SAME SIZE AS A SHEPHERD PONY. UNSURPRISINGLY, MOST RIVER UNICORNS LIVE ALONG THE BANKS OF RIVERS, BUT YOU MIGHT BE SURPRISED TO LEARN THAT THESE ANIMALS ARE RELUCTANT SWIMMERS. OCCASIONALLY, THEY HAVE BEEN SPOTTED SLEEPING IN BEDS UNDER THE ROOTS OF ANCIENT WILLOW TREES. IT IS THOUGHT THAT THE POWER OF THE WATER AND THE WILLOW FLOWS THROUGH THE RIVER UNICORN AND ENHANCES ITS MAGIC. MUCH HAS BEEN WRITTEN ABOUT THE RIVER UNICORN'S MAGIC. TYPICALLY, THE RIVER UNICORN'S POWER LIES IN ITS HORN. WHEN GROUND INTO POWDER AND MIXED WITH THE CORRECT INGREDIENTS, THE HORN CAN HEAL ALMOST ALL HUMAN AILMENTS. IN ADDITION TO THIS, LEGENDS TELL US THAT ONE DROP OF THE UNICORN'S BLOOD CAN MAKE A HUMAN IMMORTAL. ANOTHER INTERESTING FEATURE OF THE RIVER UNICORN IS ITS ABILITY TO DISAPPEAR INSTANTLY. JUST LIKE WATER, IT CAN SLIP THROUGH YOUR FINGERS AND SEEM TO BE EVERYWHERE, AND NOWHERE, AT THE SAME TIME. THEREFORE, IT IS OFTEN VIEWED AS THE MOST EXTRAORDINARY OF ALL THE UNICORN SPECIES.

The River Unicorn (*Fluvis unicornis*)

The River Unicorn is a shy, solitary creature that has been seen only three times in the wild.

It has a sandy-brown coat, a mane like sea foam, and a transparent horn that seems to ripple and flow when the light catches it.
The River Unicorn is the same size as a Shetland pony.

Unsurprisingly, most River Unicorns live along the banks of rivers. But you might be surprised to learn that these animals are reluctant swimmers. Occasionally, they have been spotted sleeping in dens under the roots of ancient willow trees. It is thought that the power of the water and the willow flows through the River Unicorn and enhances its magic.

Much has been written about the River Unicorn's magic. Typically, the River Unicorn's power lies in its horn. When ground into powder and mixed with the correct ingredients, the horn can heal almost all human ailments. In addition to this, legends tell us that one drop of the unicorn's blood can make a human immortal.

Another interesting feature of the River Unicorn is its ability to disappear instantly. Just like water, it can slip through your fingers and seem to be everywhere, and nowhere, at the same time. Therefore, it is often viewed as the most extraordinary of all the unicorn species.

Glossary:

solitary: alone, being the only one

transparent: something is transparent if it lets light through. You can see through transparent objects like windows and cling film.

enhances: to improve (make better) the quality, amount, or strength of something

ailments: illness or injury

immortal: to live forever

@ Jo Pearce

3. Words! Words! Words!

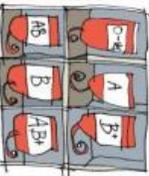
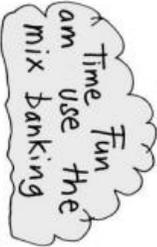
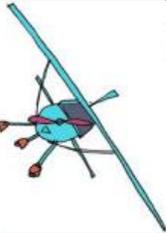
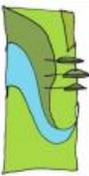


Go back over the River Unicorn page and underline or highlight any words that you don't know. Ask an adult to help you find the meaning or look in a dictionary online. You might also want to use google images to see pictures of the word.

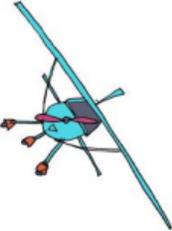
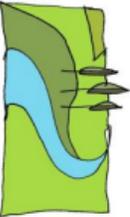
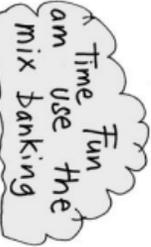
Can you see I have highlighted my words in yellow? Let's investigate those together:

1. My first word is 'bank'.

I'm sure you know at least one meaning of this word but 'bank' has many meanings. Can you match the definition to the picture? I've done the first one for you.

Definition		Picture
An organisation where people can save, borrow, and invest money.		
Sloping, raised land. Sometimes along the side of a river.		
A place where things are stored and used for later e.g. a blood bank		
To fly with one wing higher than the other when turning		
An amount of something to be used later e.g. a word bank		

Write a short sentence to match each picture. Make sure you use the word 'bank', 'banking' or 'banked'. I have done the first one for you.

Picture	Sentence
	<i>I felt the plane bank as we circled the city once more.</i>
	
	
	
	

2. My second word is 'reluctant'. Reluctant means 'not wanting to do something, so you are slow to do it'.

Squeeze the word: What are you reluctant to do at home or at school? Write several different sentences with the word reluctant in 'I've started one sentence for you.

I am reluctant to ...

Shades of meaning

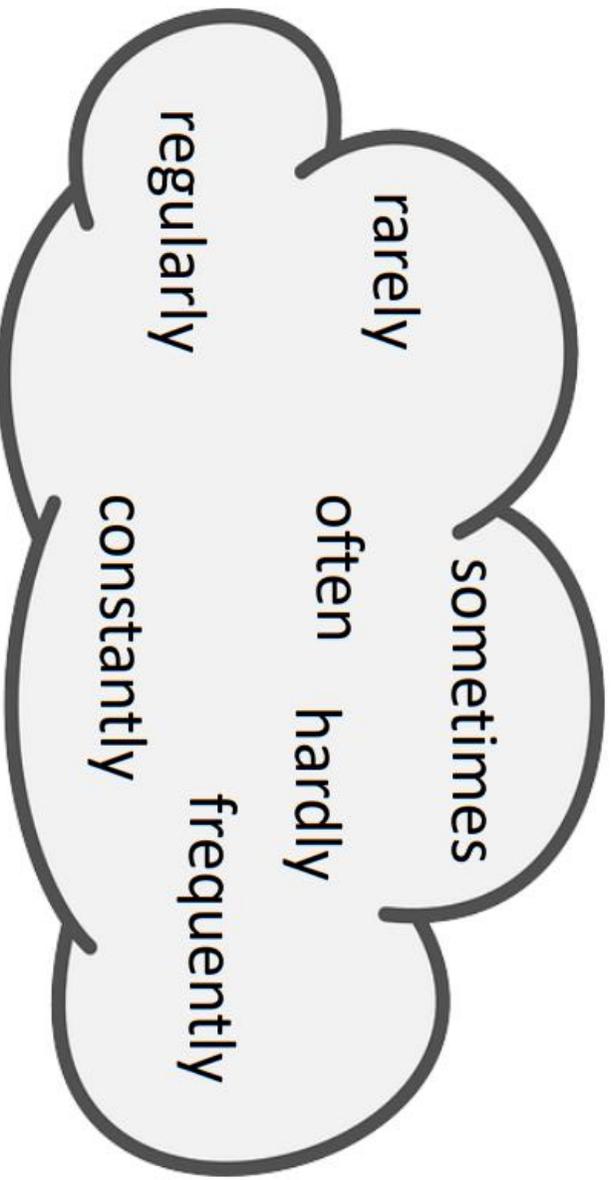
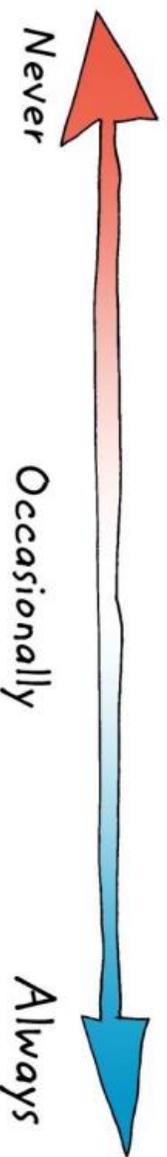
3. My final word is 'occasionally'.

Occasionally means 'sometimes but not often'. Write some sentences with the word occasionally in them.

Below is a bank of words and phrases in a cloud. You will also see a scale ranging from never-to-always to show how often something happens.

Pick a word from the cloud. Decide what it means and place it where it belongs on the never-to-always scale:

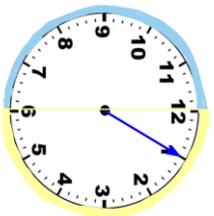
- Is it similar to 'never'?
- Is it a lot like 'always'?
- Does it mean something in the middle? If so, where will you place it?
- Can you think of any more words to add to the scale?



Maths

Part A

Complete the times below, focusing on the **minutes** and whether it shows '**past**' or '**to**' the hour.



1) _____ minutes _____
(past/to)



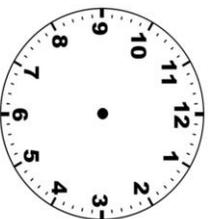
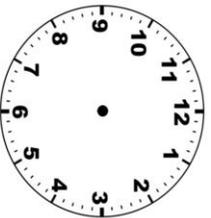
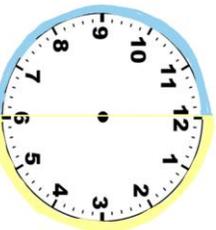
2) _____ minutes _____
(past/to)



3) _____ minutes _____
(past/to)

Part B

Either draw the clocks into your book/ paper and put the **minute hand** in the correct place **or** write which number the minute hand would point towards.



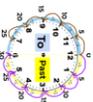
4) 10 minutes past

5) 10 minutes to

6) Half past

Part C

Complete the times below.



7) _____ minutes _____



8) _____ minutes _____



9) _____ minutes _____



10) _____ minutes _____

Challenge



Sophia starts her Maths questions at 10 minutes past 11.

Each question takes her 5 minutes to complete. She completes 7 questions.



11) What time does Sophia finish her Maths questions? Explain how you found the answer.

Q1 Look at the number sentences below.

$$370 + \boxed{} = 770$$

$$531 + \boxed{} = 571$$

$$623 + \boxed{} = 627$$

a Complete the three missing numbers.

1 mark

b Add the three missing numbers together. What is their total?

1 mark

Q2

A:	649	B:	573	
	+	215	+	296
	-----		-----	
	854		869	
	-----		-----	
	1		1	

Tick the statement(s) that describes these calculations.

BOTH calculations are correct.

Calculation A is incorrect.

Calculation B is incorrect.

1 mark

Q3

64p

36p

46p

14p

40p

Show two ways to make £1 using these amounts.

2 marks

Oceans

Colour in the oceans where they belong on the map.



-  Pacific
-  Atlantic
-  Indian
-  Arctic
-  Southern

Name:
Date:

Q1 Look at the number sentences below.

$$370 + \boxed{400} = 770$$

$$531 + \boxed{40} = 571$$

$$623 + \boxed{4} = 627$$

a Complete the three missing numbers.

1 mark

b Add the three missing numbers together. What is their total?

444

1 mark

Q2

A:	649	B:	573	
	+	215	+	296
	854		869	
	1		1	

Tick the statement(s) that describes these calculations.

BOTH calculations are correct.

Calculation A is incorrect.

Calculation B is incorrect.

1 mark

Q3

64p

36p

46p

14p

40p

Show two ways to make £1 using these amounts.

$$64p + 36p$$

$$46p + 40p + 14p$$

2 marks



Year 3 Tuesday morning activities

ANSWERS



5 Fluency Questions

$$4 \times 8 = 32$$

$$523 + 3 = 526$$

$$28 \times 5 = 140$$

$$5 + 4 + 9 = 18$$

$$100 \div 4 = 25$$

5 Maths Problems

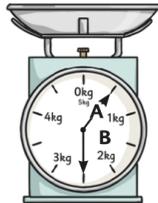


What time is this?

What time will it be in 2 hours and ten minutes?

I buy a hat priced at £3.25. I pay using a £5 note. How much change will I have?

What measurements are the arrows pointing at?



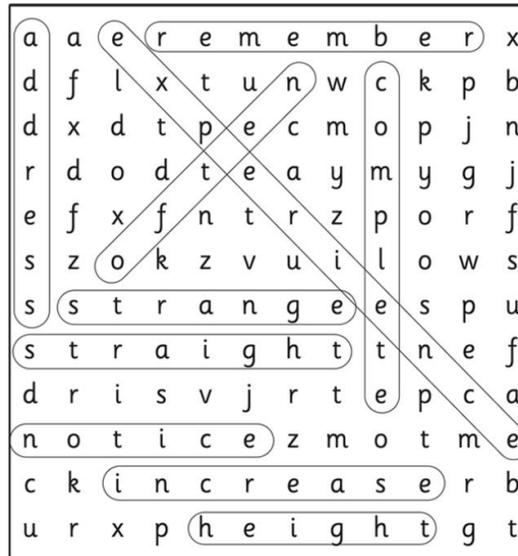
A =

B =

$$90 + \boxed{40} = 130$$

Spelling Challenge

Find the words in the list below:



How much does Mr Hemmings have?

Help Mr Hemmings to work out how much money he has



£11. 17



Year 3 Wednesday morning activities



5 Fluency Questions

$6 + 7 =$

$764 - 438 =$

$3 \times 8 =$

$46 + 5 =$

$76 \div 4 =$

5 Maths Problems

What's the missing number?

$70 + \square = 150$

$50 + \square = 120$

6 eggs fill one box.

If I have 24 eggs, how many boxes will I need?



Order these numbers from largest to smallest:

230 521 495 420

--	--	--	--

Cassie has 24 flowers and 4 vases.

If she shares them equally, how many flowers will be in each vase?

Spelling Challenge

Find the words from the list below

h	c	x	e	e	l	a	m	m	i	v	y
h	s	l	s	b	w	s	i	x	r	x	m
a	p	f	t	m	p	u	n	n	r	k	w
v	a	p	h	q	r	r	u	d	c	r	b
g	r	w	r	u	o	p	t	m	g	i	y
v	t	e	o	e	m	r	e	b	g	r	c
u	i	n	u	s	i	i	s	u	u	v	f
o	c	o	g	t	s	s	s	t	m	l	a
e	u	u	h	i	e	e	n	n	r	r	m
a	l	g	j	o	b	e	w	e	q	a	o
h	a	h	h	n	c	c	n	d	p	u	u
m	r	k	c	a	u	g	h	t	w	t	s

enough
through
caught
century
surprise

famous
particular
question
promise
minute

How much does Mr Hemmings have?

Help Mr Hemmings to work out how much money he has



4. Read and understand



Experts like Dame Folklore take notes on their subject to gather important information. Use this page to take notes on The River Unicorn.

1. The River Unicorn has only been spotted _____ times in the wild.
2. Most River Unicorns live _____
3. River Unicorns do not like swimming: TRUE or FALSE?

4. The River Unicorn's horn is see-through: TRUE or FALSE?

5. Which is the most powerful part of the unicorn's body? _____
6. Why would a unicorn hunter think that the River Unicorn was special?

Give three reasons:

1. _____
2. _____
3. _____

The River Unicorn (*Fluvis unicornis*)

The River Unicorn is a shy, solitary creature that has been seen only three times in the wild.

It has a sandy-brown coat, a mane like sea foam, and a transparent horn that seems to ripple and flow when the light catches it.
The River Unicorn is the same size as a Shetland pony.

Unsurprisingly, most River Unicorns live along the banks of rivers. But you might be surprised to learn that these animals are reluctant swimmers. Occasionally, they have been spotted sleeping in dens under the roots of ancient willow trees. It is thought that the power of the water and the willow flows through the River Unicorn and enhances its magic.

Much has been written about the River Unicorn's magic. Typically, the River Unicorn's power lies in its horn. When ground into powder and mixed with the correct ingredients, the horn can heal almost all human ailments. In addition to this, legends tell us that one drop of the unicorn's blood can make a human immortal.

Another interesting feature of the River Unicorn is its ability to disappear instantly. Just like water, it can slip through your fingers and seem to be everywhere, and nowhere, at the same time. Therefore, it is often viewed as the most extraordinary of all the unicorn species.

Glossary:

solitary: alone, being the only one

transparent: something is transparent if it lets light through. You can see through transparent objects like windows and cling film.

enhances: to improve (make better) the quality, amount, or strength of something

ailments: illness or injury

immortal: to live forever

@ Jo Pearce

5. Spellings

Here is your spelling list.

Practise the words so that you know how to spell them and then copy them correctly into the sentences.

There are some ideas for practising spellings below. You may need extra paper and something to write with.

disappear	thought	spotted
through	addition	therefore

Ideas to practise spellings:

- ★ Write each word and underline or circle the tricky bit. How will you remember it?
- ★ Speed write – how many times can you write the words in one minute?
- ★ Find a friend or a grown up and play hangman.
- ★ Say the word as it is spelt, not as it sounds. E.g., ‘dis-ap-pear’ for disappear.

Put the correct word in these sentences:

1. The River Unicorn can *disappear* in an instant.
2. Occasionally, the unicorn has been _____ sleeping in its den.
3. In _____ to its powerful horn, the unicorn also has magic blood.
4. The River Unicorn is magical and unique. _____ it is often hunted.
5. It is _____ that River Unicorns are reluctant swimmers.
6. Transparent means _____

6. Grammar

Let's work on our sentences! You will need a piece of paper or a note pad, and something to write with, or a computer.

The Substitution Game

In this sentence from The River Unicorn text, the writer has picked **three** parts of the unicorn to describe in detail.

It has a **sandy-brown** coat, a **mane** like sea foam, and a transparent **horn** that seems to ripple and flow when the light catches it.

Extra detail has been added in three different ways:

1. two colours have been grouped together into a compound adjective (by using a hyphen) to make a more accurate description: **sandy-brown**;
2. a simile with 'like' is used to describe the mane: **like sea foam**;
3. the phrase 'that seems to' is used to add a relative clause for extra detail.

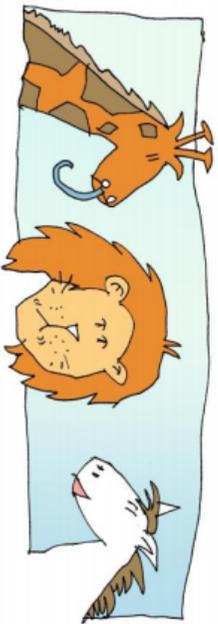
1. Colour mixing with compound adjectives

Below you will find a word bank related to colours and texture. Try creating more vivid colour descriptions by combining words on the left with words on the right and joining them with a hyphen to make a compound adjective. Play around with different combinations and see which ones sound good. I have done two examples for you: *burnt-orange*; *cloudy-white*

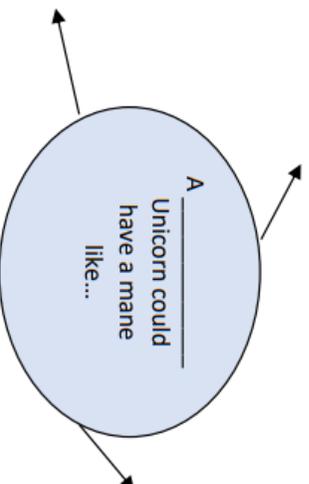
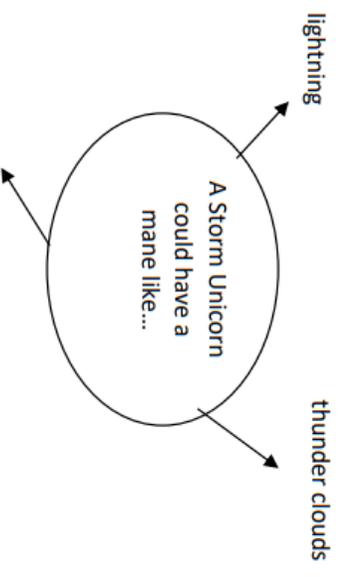
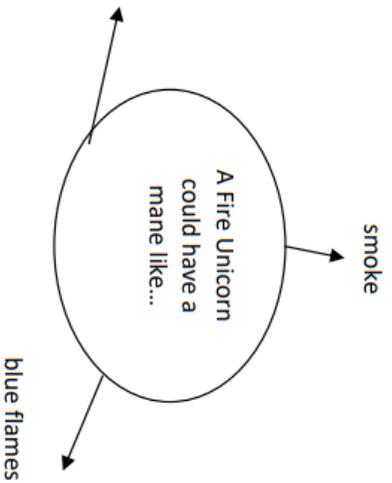
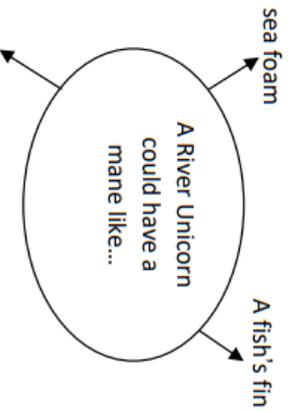
rusty	pink
sea	black
dusty	grey
creamy	turquoise
misty	blue
midnight	green
smoky	red
murky	purple

2. Adding details with a simile

A 'mane' is the word used to describe the long hair at the top of an animal's neck. Horses, unicorns, giraffes and some monkeys have manes.



Let's think about other unicorns and what their manes could look like. Can you add any more ideas? Add more arrows if you need to. You could make up your own unicorn in the blue circle and add some ideas there too.



3. Adding 'that seems to' – a relative clause

Using some of the ideas that we have been creating above, finish the sentences by writing the relative clause in the gap provided. You could explain how the horn moves, or what it seems to do when you look carefully.

The River Unicorn has a sandy-brown coat, a mane like sea foam, and a transparent horn that seems to ripple and flow when the light catches it.

The Storm Unicorn has a cloudy-white coat, a mane like lightning, and an icy horn
that seems to

The Fire Unicorn has a burnt-orange coat, a mane like smoke, and a flaming horn
that seems to



Delivery 'Bot

Marlene was over the moon. She'd just been given her first delivery route, and things were starting to look up for her. She'd even been given an official badge with her new name on it.

DeliveryBot-3302. Now she was nearly three-hundred years old, she was starting to feel like living with her parents was a little bit uncool. Most of her friends had started to move into their own charging pods as soon as they'd left programming school.

There'd never been any question about where Marlene would end up working. Her father had been a delivery bot and his father before him. When she'd been born, her parents had always assumed she'd follow in their treads. Now here she was. Barely old enough to drive and she already had her own route.

Unfortunately, there was a problem.

All new delivery bots were given easy routes and inexpensive cargo. This was usually letters and spare parts. Whatever they were given, the packages didn't normally make a sound. They certainly didn't cry.

Over the years, Marlene had seen lots of human babies. They'd always played a lead role in monster movies that her parents watched with her. Films where a giant baby would come crashing out of space onto Robot City and tear down the buildings. It would always be wailing and dribbling. Now, unless she was mistaken, there was one in the back of her van.

On the one hand, she knew that human babies apparently had feelings just like robots, though she found that idea very strange. The other hand was much scarier. If she opened the package, there was a good chance that the baby would burst out and destroy the entire city. *It's not fair*, she thought angrily. *It's my first day*.

Something needed to be done. On the very first day of training, their manager had made it clear that delivery bots were fearless and must deliver their packages no matter what. "Neither rain nor

snow nor gloomy night,” their manager had said. He’d been annoyingly quiet on the subject of babies though.



Behind her, the honking of horns started to irritate Marlene. She knew her van was holding up the other drivers, but this was important. The address on the label was clear and well written. No chance of returning it to the depot and claiming she couldn't read it. And the address was right there in front of her. A perfectly normal tower block filled with robot charging pods.

What would a robot want with a human baby?

She had to find out. Nervously, she rolled up to the front door and pressed the buzzer.

INFERENCE FOCUS

1. How do you think Marlene felt about human babies after watching the films?
2. Why was Marlene so happy to be given a delivery route?
3. Why did she find it strange that human babies had feelings?
4. Why was she annoyed that her manager never mentioned babies?

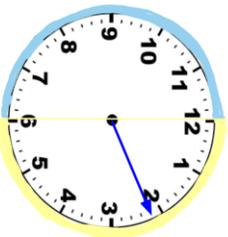
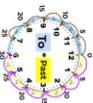
VIPERS QUESTIONS

- V** What word tells us that Marlene's parents expected her to become a delivery bot?
- R** What things did her manager say wouldn't stop a delivery bot?
- E** Explain how this package was different to most others.
- P** What do you think will happen now that the monster has been discovered?
- S** Summarise what has happened so far on Marlene's first day.

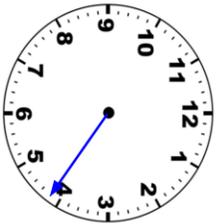
Maths

Part A

Complete the times below, focusing on the **minutes** and whether it shows '**past**' or '**to**' the hour.



1) _____ minutes _____
(past/to)



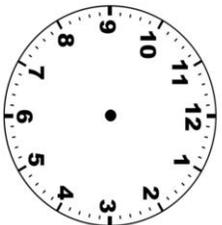
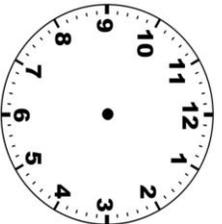
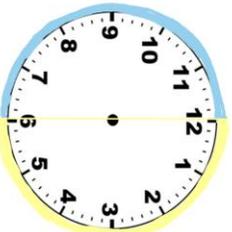
2) _____ minutes _____
(past/to)



3) _____ minutes _____
(past/to)

Part B

If you can, draw the clocks **into** your book/ paper and put the **minute hand** in the correct place.



4) 22 minutes past

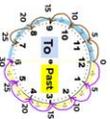


5) 6 minutes past

6) 13 minutes past

Part C

Complete the times below.



7) _____ minutes _____



8) _____ minutes _____



9) _____ minutes _____



10) _____ minutes _____



Challenge

This clock is missing its minute hand.

What time could it be?



The time could be _____ minutes _____ 1.
I think this because....

Q1

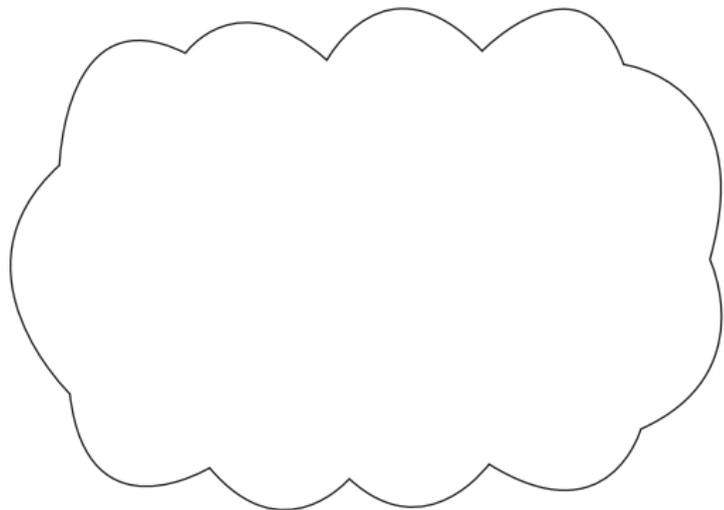
Which of the problems below is the odd one out? Tick your chosen box and then explain your answer.

What are eight twos?

How many fives are in 30?

What is four times 10?

If there are nine groups of two, how many are there altogether?



1 mark

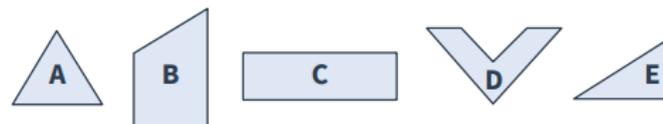
Q2

There are 82 cars in a car park.
A number of cars drive out.
There are 46 cars left.

How many cars drive out of the car park?

1 mark

Q3



Which of these shapes have vertical line symmetry?

1 mark

Q1 Which of the problems below is the odd one out? Tick your chosen box and then explain your answer.

What are eight twos?

How many fives are in 30?

What is four times 10?

If there are nine groups of two, how many are there altogether?



1 mark

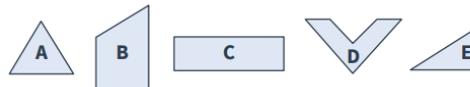
Q2 There are 82 cars in a car park.
A number of cars drive out.
There are 46 cars left.

How many cars drive out of the car park?

36

1 mark

Q3



Which of these shapes have vertical line symmetry?

A, C and D

1 mark

Delivery 'Bot

Answers:

1. Scared / terrified
2. She felt grown-up and independent
3. She was used to them being strange, alien beings. She'd never considered them like her
4. She wanted to know what to do now

V: Assumed

R: Rain, snow and gloomy nights

E: It was making a sound and crying

P: Any suitable prediction

S: Any suitable summary including the key facts



Year 3 Wednesday morning activities



5 Fluency Questions

$$6 + 7 = 13$$

$$764 - 438 = 326$$

$$3 \times 8 = 24$$

$$46 + 5 = 51$$

$$76 \div 4 = 19$$

5 Maths Problems

What's the missing number?

$$70 + \boxed{80} = 150$$

$$50 + \boxed{70} = 120$$

6 eggs fill one box.

If I have 24 eggs, how many boxes will I need?



Order these numbers from largest to smallest:

230 521 495 420

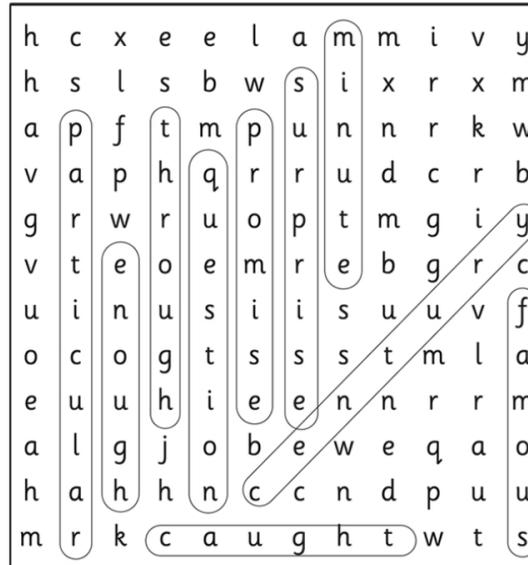
521	495	420	230
-----	-----	-----	-----

Cassie has 24 flowers and 4 vases.

If she shares them equally, how many flowers will be in each vase?

Spelling Challenge

Find the words from the list below



How much does Mr Hemmings have?

Help Mr Hemmings to work out how much money he has



£7.25



Year 3 Thursday morning activities



5 Fluency Questions

$43 + 40 =$

$87 - 6 =$

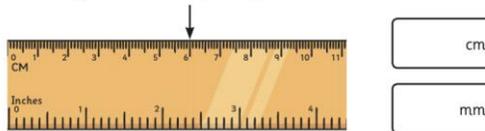
$33 \times 3 =$

$6 \times 8 =$

$44 \div 4 =$

5 Maths Problems

How many cm is the arrow pointing to? What will this be in mm?



Ella bought a pair of sunglasses priced at £10.20. She paid with a £20 note.

How much change will she have?



$$\begin{array}{r} 274 \\ + 127 \\ \hline \end{array}$$

$$\begin{array}{r} 355 \\ + 138 \\ \hline \end{array}$$

Five lengths of the swimming pool is 150m. How long is the pool?

Spelling Challenge

Find the words from the list below

f	g	w	r	b	e	l	i	e	v	e	e
o	j	r	e	x	g	a	a	f	f	d	e
r	w	y	a	c	r	z	e	g	g	r	i
w	c	e	r	t	a	i	n	b	h	f	g
a	k	p	l	b	m	s	a	n	j	t	h
r	u	l	y	n	m	w	u	g	k	g	t
d	e	j	j	m	a	e	g	h	y	h	x
b	c	e	n	t	r	e	h	j	r	l	n
d	j	f	w	k	o	d	t	u	y	b	r
s	u	d	h	j	p	c	y	y	n	n	a
c	q	a	p	p	e	a	r	d	d	s	q
d	i	f	f	e	r	e	n	t	v	b	j

certain
eight
naughty
believe
grammar

early
appear
different
centre
forward

How much does Mr Hemmings have?

Help Mr Hemmings to work out how much money he has



7. Short-burst writing – poetry

Unicorns are thought to be kind and gentle creatures. They are usually described as being shy, but when they do meet humans they are often helpful and generous. Sometimes they save lives. Imagine if you had your very own unicorn to look after you and keep you happy. That would be very special indeed. That is what this poem is about:

My Unicorn

My unicorn carries me to the corners of the world,
while I rest on its back in blankets,
dreaming.
My unicorn listens with a careful ear,
while my woes flow fast,
setting.
My unicorn reads me stories of other lands
while I paint with the words,
imagining.
My unicorn runs alongside me and shares its strength
while mine ebbs away,
slowly.

My unicorn protects and heals those who are close

while I watch,

thankful.

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Can you spot the pattern in the poem? You can follow the pattern to write your own, or you can follow your own pattern. You could also write a 'free verse' poem and just let the ideas flow, following no structure at all. Remember, a poem doesn't have to rhyme.

My unicorn **carries** me to the corners of the world, – use a verb here to have the unicorn do something
while **I** rest on its back in blankets, – use 'while I' to show what you are doing or thinking
dreaming – use any word here to show a feeling, thought or to give a sense of the mood

Now have a go at writing your poem on a separate piece of paper.

8. Short-burst writing: potion instructions

In our page from Professor Dame Folklore's book, it tells us that the River Unicorn's horn has healing powers: When ground into powder and mixed with the correct ingredients, the horn can heal almost all human ailments.

Here is a recipe for a magic potion to heal a broken heart. One of the ingredients is the River Unicorn's horn.

Healing Potion for a Broken Heart (Human)

Have you lost the love of your life? Do you need a little pick-me-up to fix you up?

A broken heart is one of the most painful human ailments, although it is very common.

Mix this potion in the light of a setting sun and drink immediately to heal your heart and be ready to love again.

Ingredients:

- 1 mug of sugary tea
- ½ handful ground River Unicorn horn
- 6 red rose petals, chopped
- A thimble-full of melted chocolate
- 13 pieces of glass from a smashed mirror
- 10 teddy bear tears
- 3 drops candle wax

How to make the potion:

1. Find a perfect spot in a natural place where the sunset can be seen clearly. Hope for birdsong.
2. Pour the tea and the chocolate into a medium sized cauldron and whisk to combine.
3. Carefully add the mirror pieces, the rose petals and the ground unicorn horn to the liquid and stir slowly.
4. Heat gently for 3 minutes.
5. Drop the candle wax and teddy bear tears into the cauldron.
6. Stir anticlockwise until a smooth, red liquid is formed.
7. Wait 5 minutes for the mixture to rest and cool.
8. Drink immediately for full effect.

After you have consumed the potion, return home and have a lovely long sleep. When you wake up the next day, your heart will be fully restored and ready to love again.

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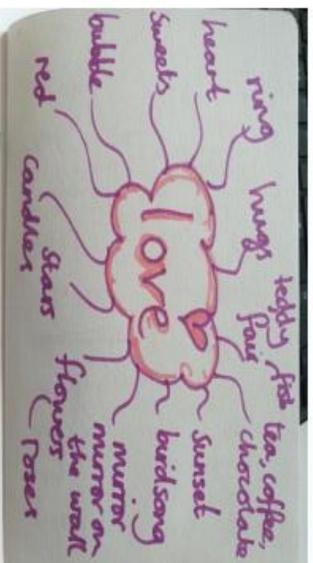


Can you write a magic potion? What do you want your potion to do? Make sure you include the powerful unicorn horn!

When we write, we start by getting all our ideas out. We can then pick the best ones. Follow these writing tips and you will soon have lots of wonderful ideas to write your potion.

Writing tip 1.

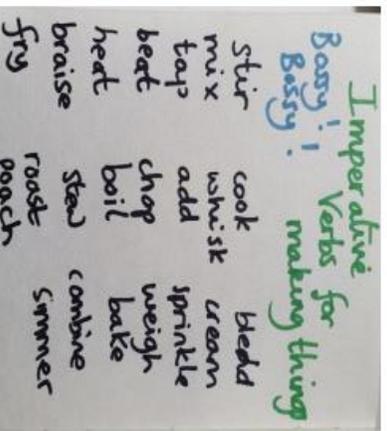
When I was thinking about my ingredients, I thought of all the words related to 'love' that I could and jotted them down. That might be a good place start. Write ideas about your potion.



to

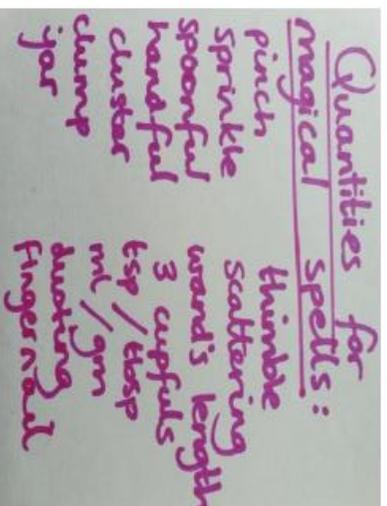
Writing tip 2.

This potion recipe is a form of instructional writing. When we write instructions, we use 'imperative verbs' to tell the reader what to do. It can be helpful to write a list of these too.



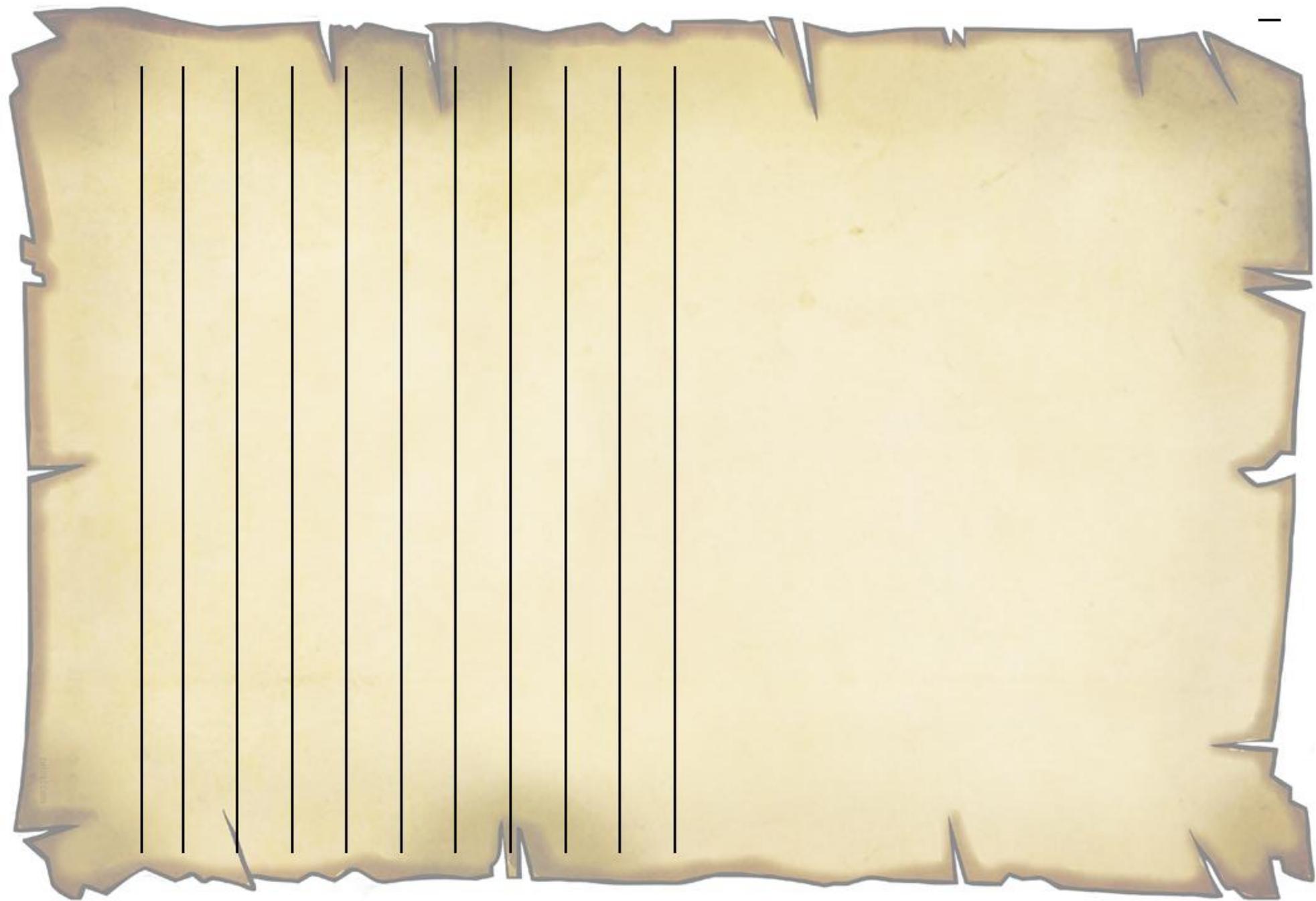
Writing tip 3.

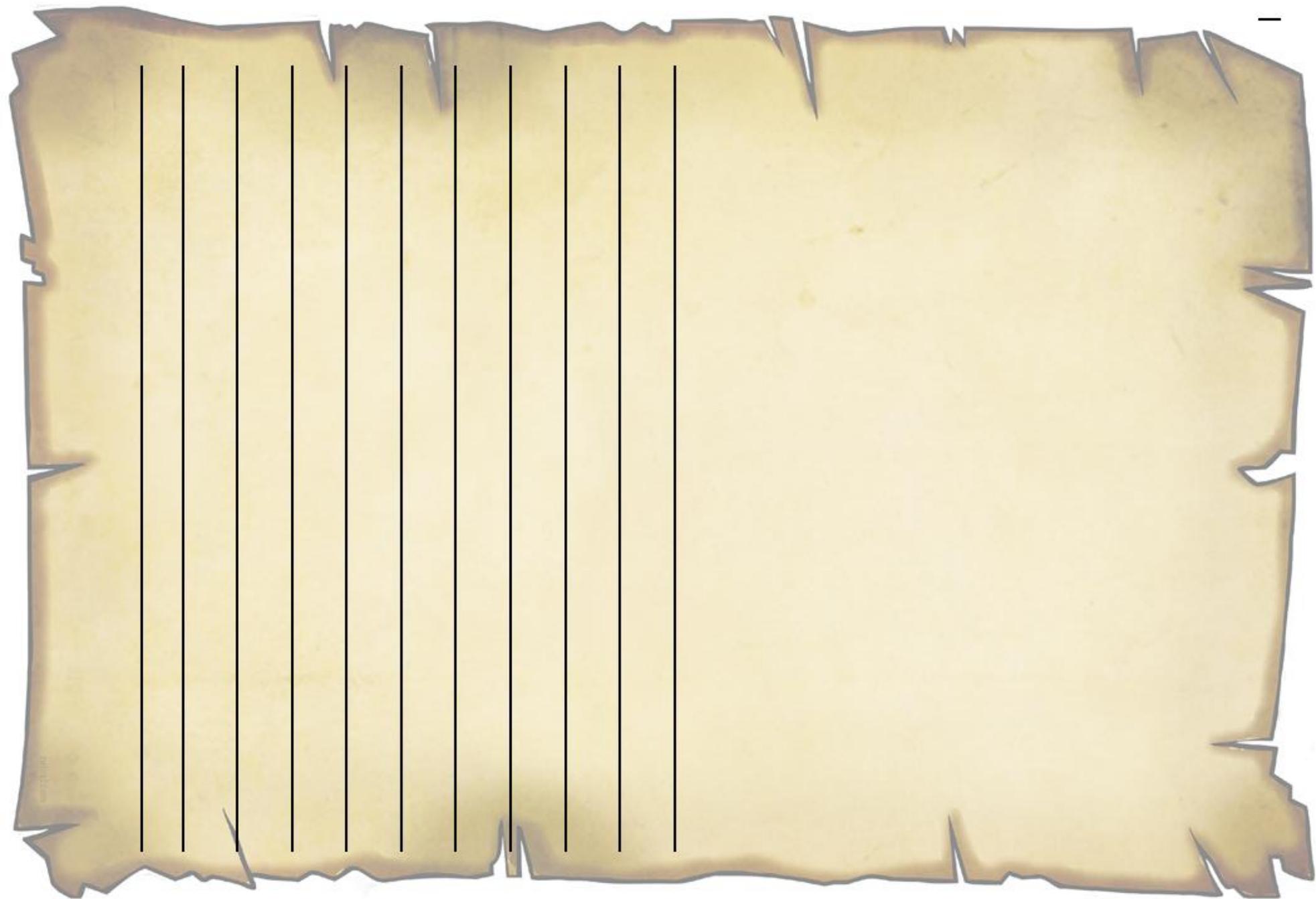
Recipes need all sorts of 'quantities' for the reader to measure the ingredients. To make your spell or potion more interesting, you could also gather some of these words before you start.



Would you like your potion to heal something such as a broken leg, heart or a help cure a cold? Or you could think about something positive that you would like to be able to do like fly, go invisible or speak to animals.

Now have a go at writing and decorating your potion.

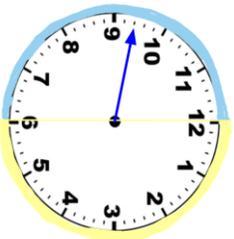




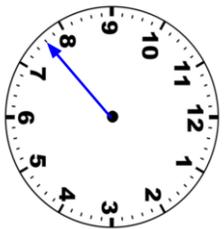
Maths

Part A

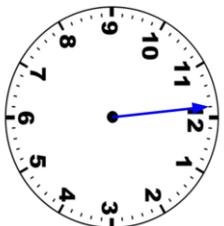
Complete the times below, focusing on the **minutes** and whether it shows 'past' or 'to' the hour.



1) _____ minutes _____
(past/to)



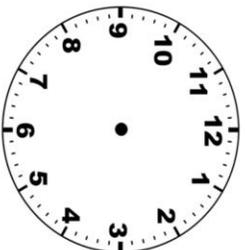
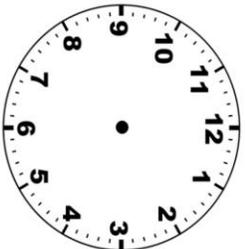
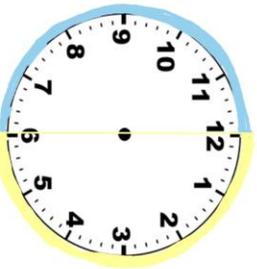
2) _____ minutes _____
(past/to)



3) _____ minute _____
(past/to)

Part B

If you can, draw the clocks into your book/ paper and put the **minute hand** in the correct place.



4) 14 minutes to

5) 27 minutes to

6) 19 minutes to

Part C

Complete the times below.



7) _____ minutes _____



8) _____ minutes _____



9) _____ minutes _____



10) _____ minutes _____



Challenge

This clock is missing its minute hand.

What time could it be?



The time could be _____ minutes _____.

I think this because.....

5.

Q1

A:	504	B:	609
	- 391		- 257
	113		452

Tick the statement(s) that describes these calculations.

BOTH calculations are correct.

Calculation A is incorrect.

Calculation B is incorrect.

1 mark

Q2

Multiples of 4

Multiples of 100

Multiples of 8

Multiples of 50

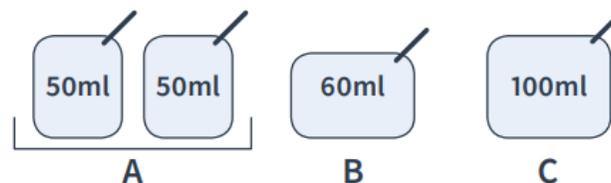
Put the labels shown at the start of Q2 where they belong in this table.

Always end in 0	Sometimes end in 0	Never end in 0

2 marks

Q3

These containers have different amounts of lemonade in them.



Use the letters A, B and C to compare the amounts.

	=	
	<	

1 mark

Q1

$$\begin{array}{r} \text{A:} \\ 504 \\ - 391 \\ \hline 113 \end{array} \qquad \begin{array}{r} \text{B:} \\ 609 \\ - 257 \\ \hline 452 \end{array}$$

Tick the statement(s) that describes these calculations.

- BOTH calculations are correct.
- Calculation A is incorrect.
- Calculation B is incorrect.

1 mark

Q2

Multiples of 4	Multiples of 100
Multiples of 8	Multiples of 50

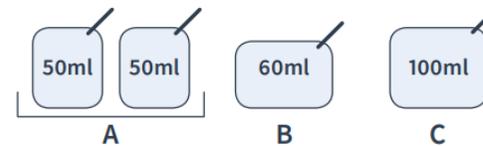
Put the labels shown at the start of Q2 where they belong in this table.

Always end in 0	Sometimes end in 0	Never end in 0
Multiples of 100	Multiples of 4	
Multiples of 50	Multiples of 8	

2 marks

Q3

These containers have different amounts of lemonade in them.



Use the letters A, B and C to compare the amounts.

$$\boxed{A} = \boxed{C}$$

$$\boxed{B} < \boxed{A}$$

1 mark



Year 3 Thursday morning activities

ANSWERS



5 Fluency Questions

$$43 + 40 = 83$$

$$87 - 6 = 81$$

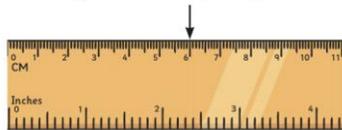
$$33 \times 3 = 99$$

$$6 \times 8 = 48$$

$$44 \div 4 = 11$$

5 Maths Problems

How many cm is the arrow pointing to? What will this be in mm?



6cm

60mm

Ella bought a pair of sunglasses priced at £10.20. She paid with a £20 note.

How much change will she have?



£9.80

$$\begin{array}{r} 274 \\ + 127 \\ \hline 401 \end{array}$$

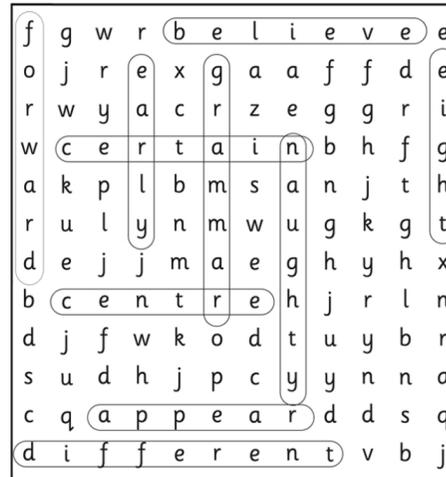
$$\begin{array}{r} 355 \\ + 138 \\ \hline 493 \end{array}$$

Five lengths of the swimming pool is 150m. How long is the pool?

30m

Spelling Challenge

Find the words from the list below



How much does Mr Hemmings have?

Help Mr Hemmings to work out how much money he has



£4.46



Year 3 Friday morning activities



5 Fluency Questions

$82 - 3 =$

$35 \times 5 =$

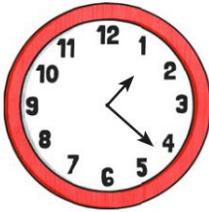
$600 + 22 =$

$16 \div ? = 2$

$110 - 18 =$

5 Maths Problems

What time do these clocks show?



.....

.....

What time will it be in 15 minutes?

.....

.....

There are 100 marbles in a jar. 28 are red. 17 are green. How many are not red?

Spelling Challenge

Find the words from the list below

p	l	p	i	r	e	i	g	n	r	v	p
o	i	d	a	m	f	e	g	x	e	f	r
s	b	s	e	y	a	i	r	c	a	g	o
i	r	w	n	r	e	g	u	l	a	r	b
t	a	t	a	p	n	h	i	b	l	o	a
i	r	o	u	l	e	a	r	n	y	c	b
o	y	m	g	j	h	x	a	m	e	c	l
n	f	a	v	o	u	r	i	t	e	a	y
b	d	d	t	f	u	r	o	k	w	s	j
n	c	s	y	d	y	a	p	j	h	i	u
s	k	n	o	w	l	e	d	g	e	o	q
b	e	d	n	f	t	j	r	e	f	n	i

imagine

probably

reign

knowledge

favourite

position

learn

regular

occasion

library

How much does Mr Hemmings have?

Help Mr Hemmings to work out how much money he has





The Chase

“Yee-haw!” The cry of the herder was loud enough to be heard across the prairie, but the crack of his whip made sure that the humans knew he was coming. “Take them to the left!”

Pounding the ground behind him were a dozen mounted cowbots. Each metal man was painted yellow and had the same fixed expression. They all rode steel horses with legs that moved like pistons. Some of them were swinging lassos around their head. Others were carrying large nets. Some of these were already filling up with disgruntled humans.

Ever since the robots had invaded Earth in 2025, humans had been allowed to live in small villages outside the big cities. Normally, the robots left them alone. Except for one day a year. During the chase, the bots would head out on horses and try to catch as many people as they could. Mostly they were all released back into the wild at the end of the day. However, some would be offered well-paid jobs as performers or engineers in the city. Most of the humans didn’t mind the annual chase.

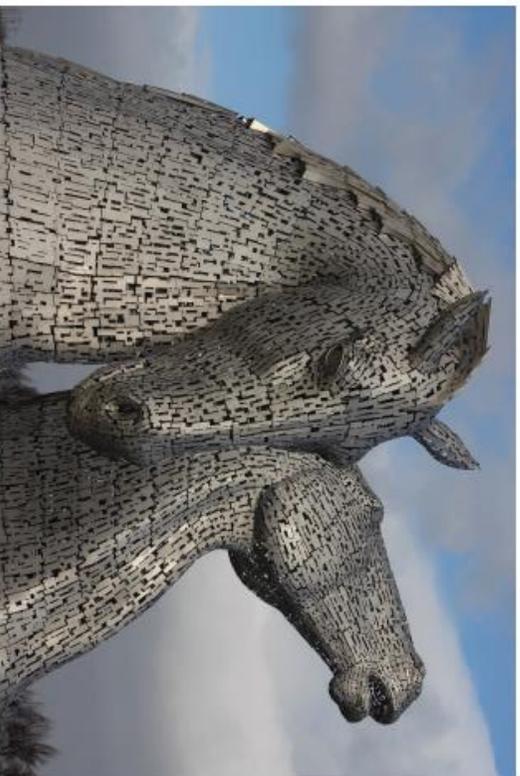
Kelvin disagreed. He was fed up with having to run away every year and this year was even worse. The siren sounded just as he reached the final level on his computer game. That was a step too far. This year, he had a plan. He’d read the rules of the hunt very carefully. There was nothing in the book that forbid the humans from fighting back. Of course, he didn’t want to destroy any of the robots, that was a crime punishable by life in prison. Instead, he just wanted to get his own back. The previous night, Kelvin had set out into the dust bowl behind his house and dug half a dozen deep holes. He’d covered them with fern leaves and swept dirt on top of those. It was only because he knew where they were that he’d avoided them during the chase. Already they’d claimed two of the cowbots, but there were still ten more.

Over the years he’d learnt that the robotic horses were very good at running in straight lines, but couldn’t turn very quickly. He used this to his advantage by zig-zagging as he ran. The other people

in his village had copied him, and he could hear the frustrated cries of the herders behind him. Digging hidden pits wasn't all he'd been up to during the night. A few hundred yards away was a small group of trees, and he'd spent a few hours tying very fine but very strong nets between them. Unless you were very close, you wouldn't know they were there. If you were that close on a horse, it was too late. His lungs were burning, and his heart racing, but he could practically feel the trees around him. Once he got there, he knew the other herders would become entangled.

"Ooomph!" The word escaped him along with his breath. A rope snapped around his ankles and dragged him to the floor. He rolled onto his aching back and looked up into the grinning yellow face of a cowbot.

"Bad luck, little human!" the tinny voice crackled. "Better luck next year!"



RETRIEVAL FOCUS

1. How many cowbots were there to start with?
2. When did the robots invade?
3. How many holes did he dig?
4. How did he run to escape the horses?

VIPERS QUESTIONS

- V** What does the word "mounted" tell us about the cowbots?
- V** Find another word to replace "entangled".
- E** Explain why Kelvin doesn't normally agree with the annual chase.
- P** How do you think Kelvin will try to stop the chase next year?
- I** How did Kelvin feel as he got closer to the trees? Explain your answer.

9. Fun with dens

In our text, it says that the River Unicorn sleeps in a den under the roots of ancient willow trees.

A den is a secret place where you can hide, rest, read a book or play a game. Have you ever made a den? Why not have a go? Here are some ideas that might be useful for you to build one:

- unused boxes and packaging
- blankets and sheets
- bits of cardboard
- battery powered fairy lights (ask an adult)
- old party decorations
- cushions and pillows
- large suitcases
- sofa cushions

You can build dens around larger pieces of furniture like tables and sofas.



Make sure you tell a grown up where and how you are planning to build your den. They have probably made a den before and will have lots of ideas for you.

Maths

Part A

Use a timeline to help you calculate the start and end times.

1) 1) George and his mum arrive at grandma's house at 4 o'clock. It took them 1 hour and 15 minutes to drive there. What time did they set off?

2) What time did they set off?

Part B

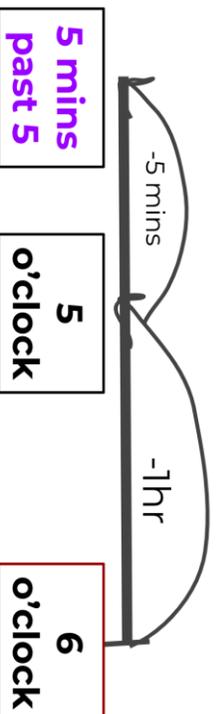
3) Which activity ends at the latest time?



- Gymnastics starts at **3 o'clock** and lasts 1 hour 25 minutes.
- Football starts at **quarter to 4** and lasts 45 minutes.

Challenge

Spot the mistake. Explain what is wrong.



Q1 The two sides of this balance are equal.



What is the missing number?

1 mark

Q2 Look at the statements below.

Complete these statements using either \times or \div .

$$90 = 10 \square 9$$

$$10 = 100 \square 10$$

$$40 \square 5 = 8$$

$$2 \times 7 = 7 \square 2$$

2 marks

Q3

Name of 3D shape:

2D shape on its surface:

cylinder

square

triangular prism

circle

cube

rectangle

Draw lines to match each 3D shape with a 2D shape that appears on its surface.

1 mark

Design and Technology



Motion



Expected duration

Approximately 1 hour.

Equipment needed

- A bag of different sized marbles
- An assortment of different materials. For example: an A3 sheet of cellophane, aluminium foil, bubble wrap, sand paper or fleece
- Protractor
- Ruler
- Tape measure
- 100cm x 10cm length of card (carefully fold this in half lengthways for making the ramp)





The investigation – instructions

Set up your card ramp and position a large marble at the bottom. The aim is to work out how to use a small marble moving down the ramp to move the larger marble as far as possible.

1. Free exploration

Work in a small group. Explore rolling marbles down the ramp and observe how making changes to the size of the (rolling) marble, the start position on the ramp, the angle of the ramp or the type of material they roll on to affects the distance they travel off the end of the ramp. Discuss what you found out and make notes about your findings.

2. Directed discovery

Place the ramp at a low angle such as 15 or 20 degrees. Put a large marble at the bottom of the ramp. Release a small marble from the top of the ramp and measure how far the large marble travels. Now repeat the activity, but with the ramp at a higher angle such as 30 or 40 degrees.

3. Challenge

Make the large marble travel as far possible using the small marble, the ramp and any of the material provided.

Use your findings from the free exploration and directed discovery activities to attempt the challenge.

Record how far you were able to get the large marble to travel and how you achieved this.

Repeat your method to check the validity of your results.

Compare your results with those of other groups.

Q1 The two sides of this balance are equal.



What is the missing number?

22

1 mark

Q2 Look at the statements below.

Complete these statements using either \times or \div .

$90 = 10 \times 9$

$10 = 100 \div 10$

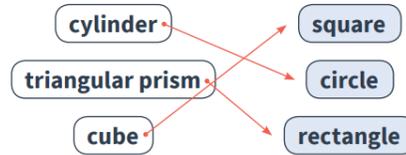
$40 \div 5 = 8$

$2 \times 7 = 14$

2 marks

Q3

Name of 3D shape: 2D shape on its surface:



Draw lines to match each 3D shape with a 2D shape that appears on its surface.

1 mark

The Chase

Answers:

1. A dozen (12)
2. 2025
3. Half a dozen (6)
4. In zig-zag lines

V: They are riding something

V: Any suitable word

E: He was fed up with running away. Look for more than just the disturbance of his computer game

P: Any suitable prediction

I: Happy and excited because he thought he would escape. Look for more inference than out of breath and a racing heart.



Year 3 Friday morning activities

ANSWERS



5 Fluency Questions

$$82 - 3 = 79$$

$$35 \times 5 = 175$$

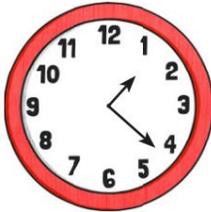
$$600 + 22 = 622$$

$$16 \div 8 = 2$$

$$110 - 18 = 92$$

5 Maths Problems

What time do these clocks show?



1:22



3:07

What time will it be in 15 minutes?

1:37

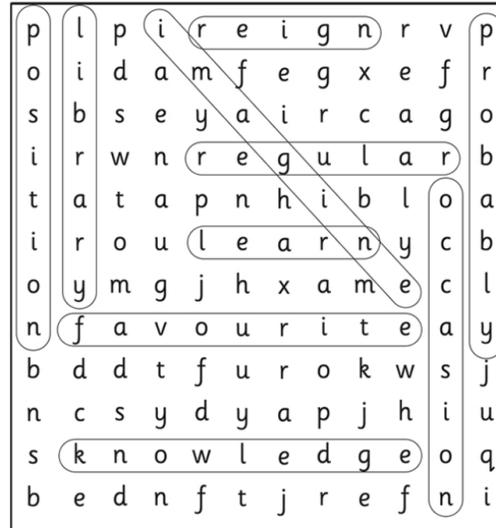
3:22

There are 100 marbles in a jar.
28 are red. 17 are green. How many are not red?

72

Spelling Challenge

Find the words from the list below



How much does

Mr Hemmings have?

Help Mr Hemmings to work out how much money he has



£10.50

