



# Year 3 Home Learning Booklet 2

This is me

Name:

<b>Monday</b>	
<b>Tuesday</b>	
<b>Wednesday</b>	
<b>Thursday</b>	
<b>Friday</b>	

<b>Monday</b>	
<b>Tuesday</b>	
<b>Wednesday</b>	
<b>Thursday</b>	
<b>Friday</b>	

# Reading Log

Date	Title	Page	Comments





# Mathematics


## Arithmetic: Test 2b

### Year 3

Name	
Date	

1	$582 - 100 =$																				 1 mark

2	$237 + 40 =$																				 1 mark

3	$712 - 700 =$																				 1 mark

 Total for this page
---

4

$278 + 471 =$

1 mark

5

$4 \times 12 =$

1 mark

6

$34 \times 8 =$

1 mark

Total for  
this page

$$\frac{4}{5} - \frac{3}{5} =$$
[illegible]

**Guidance:** Children will have 15 minutes for this test.

question	answer	marks
1	482	1
2	277	1
3	12	1
4	749	1
5	48	1
6	272	1
7	$\frac{1}{5}$	1
		Total 7

# Mathematics

## Arithmetic: Test 3a

### Year 3

Name	
Date	

$97 + 100 =$ [illegible]

1 mark

$$402 - 30 =$$

A blank grid with a thick vertical line on the left and a thick horizontal line at the bottom. A rectangle is drawn on the right side of the grid, spanning 4 grid units in width and 2 grid units in height.

1 mark

$$479 + 300 =$$

A blank grid with a 10x10 structure. A thick vertical line is on the left. A rectangle is drawn on the right side, spanning 4 columns and 2 rows.

1 mark

Total for this page

4

$735 - 143 =$

1 mark

5

$32 \div 4 =$

1 mark

6

$55 \times 4 =$

1 mark

Total for  
this page



$57 \div 3 =$ 

A 10x5 grid is shown. The grid is composed of 10 columns and 5 rows. A rectangle is highlighted in the bottom right corner, spanning 4 columns and 2 rows. The highlighted area is located in the bottom right corner of the grid, starting from the 7th column and 3rd row, and ending at the 10th column and 5th row.


$$\frac{2}{5} + \frac{1}{5} =$$

A grid of 10 columns and 5 rows. A rectangle is drawn in the 7th column, spanning from the 2nd row to the 4th row.



**Guidance:** Children will have 15 minutes for this test.

question	answer	marks
1	197	1
2	372	1
3	779	1
4	592	1
5	8	1
6	220	1
7	19	1
8	$\frac{3}{5}$	1
		Total 8

# Mathematics

## Arithmetic: Test 3b

### Year 3

Name	
Date	

1 mark

1 mark

1 mark

4

$726 + 194 =$

1 mark

5

$9 \times 3 =$

1 mark

6

$62 \times 8 =$

1 mark

Total for  
this page

$$\frac{5}{9} - \frac{1}{9} =$$

A blank grid with a 10x5 structure. The first 8 columns are 10 units wide, and the last 2 columns are 5 units wide. A rectangle is drawn in the last 2 columns, spanning 2 rows from the bottom.

**Total for  
this page**

**Guidance:** Children will have 15 minutes for this test.

question	answer	marks
1	113	1
2	658	1
3	182	1
4	920	1
5	27	1
6	496	1
7	$\frac{4}{9}$	1
		Total 7



# The Mystery of the Missing Shield

After his brave battle against the dragon, Saint George has been invited by the king to join the knights and ladies at a celebratory banquet.

Unfortunately, Saint George's shield has gone missing.

Can you solve the problems to see which banquet guest discovers the whereabouts of Saint George's shield?





# The Mystery of the Missing Shield

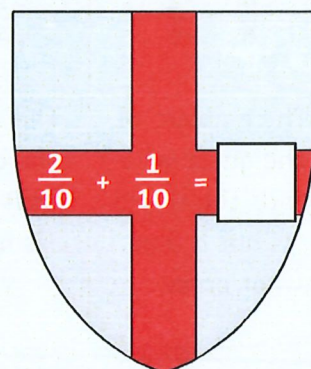
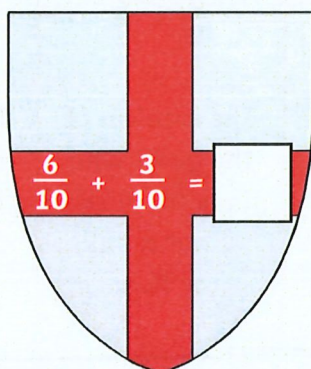
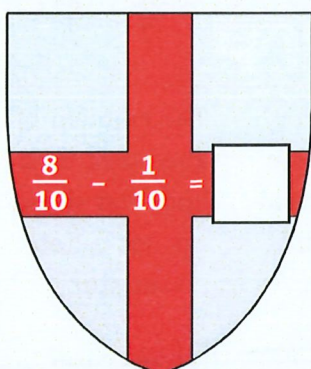
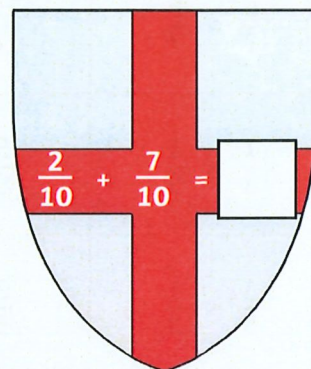
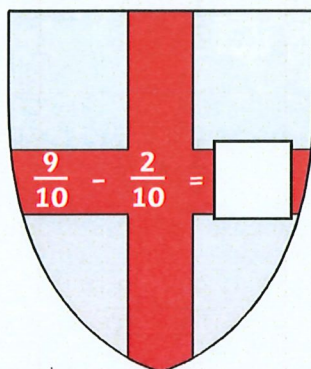
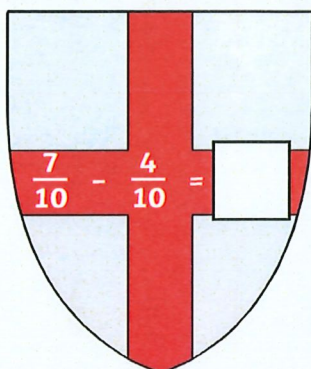
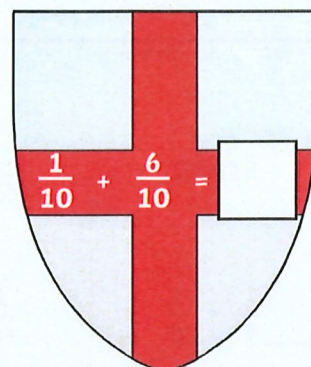
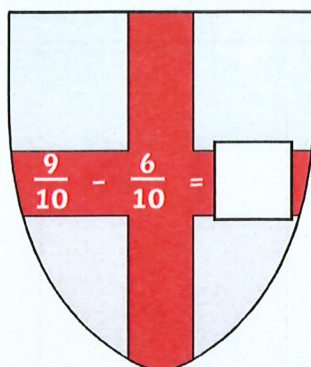
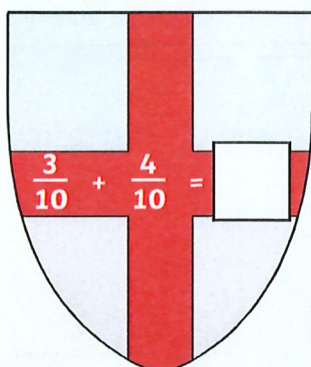
Guests	Gender	Cloak Colour	Age	Horse Colour	Emblem
Sir Accolon	M	Red	45	Black	Lion
Dame Brisen	F	Blue	32	Black	Star
Lady Catherine	F	Red	48	Chestnut	Bull
Sir Dagonet	M	Blue	25	Grey	Cross
Sir Ector	M	Yellow	47	Brown	Cross
Lady la Fay	F	Yellow	42	Grey	Lion
Queen Guinevere	F	Blue	24	Brown	Star
Lady Heliabel	F	Green	41	Black	Lion
Lady Igraine	F	Blue	39	Chestnut	Bull
Sir John Haywood	M	Green	44	Grey	Bull
Sir Kay	M	Blue	27	Chestnut	Cross
Sir Lancelot	M	Green	33	Brown	Star
Lady Matilda	F	Yellow	22	Brown	Lion
Sir Nicholas	M	Red	40	Chestnut	Axe
Sir Owain	M	Blue	23	Grey	Bull
Sir Percival	M	Yellow	50	Black	Bull
Red Knight	M	Red	26	Grey	Star
Sir Safir	M	Green	49	Black	Bull
Sir Tristram	M	Yellow	29	Brown	Lion
Sir Uther Pendragon	M	Blue	43	Brown	Cross
Lady Vivienne	F	Green	38	Black	Cross
Lady Bianca	F	Red	28	Chestnut	Star



## Clue 1: Adding and Subtracting Fractions

Solve the following fraction calculations.

The answer that occurs the most gives a clue to the guest who finds the shield.



$\frac{3}{10}$	$\frac{7}{10}$	$\frac{9}{10}$
The guest doesn't have a red cloak.	The guest doesn't have a yellow cloak.	The guest doesn't have a blue cloak.

### Clue

The guest who finds the shield doesn't have a \_\_\_\_\_ cloak.

## Clue 2: Comparing Fractions

Find a path through the maze by colouring in the correct fraction comparisons.

The path will reveal a clue about the emblem of the guest who finds the shield.

START	$\frac{1}{2} > \frac{1}{3}$	$\frac{5}{8} < \frac{7}{8}$	$\frac{1}{5} > \frac{1}{8}$	$\frac{4}{5} > \frac{2}{5}$
$\frac{1}{9} < \frac{1}{6}$	$\frac{3}{4} < \frac{1}{4}$	$\frac{5}{6} < \frac{1}{6}$	$\frac{7}{10} > \frac{9}{10}$	$\frac{1}{3} > \frac{1}{4}$
$\frac{6}{7} > \frac{5}{7}$	$\frac{3}{10} < \frac{1}{10}$	$\frac{1}{4} > \frac{1}{3}$	$\frac{2}{9} < \frac{4}{9}$	$\frac{1}{7} > \frac{1}{8}$
$\frac{1}{3} < \frac{1}{5}$	$\frac{5}{8} > \frac{1}{8}$	$\frac{1}{8} < \frac{3}{8}$	$\frac{5}{12} < \frac{7}{12}$	$\frac{2}{3} < \frac{1}{3}$
$\frac{1}{5} < \frac{1}{3}$	$\frac{2}{5} > \frac{1}{5}$	$\frac{7}{10} < \frac{3}{10}$	$\frac{9}{11} < \frac{7}{11}$	$\frac{1}{7} > \frac{1}{8}$
$\frac{4}{6} > \frac{2}{6}$	$\frac{1}{4} < \frac{1}{5}$	$\frac{8}{9} < \frac{2}{9}$	$\frac{1}{6} > \frac{1}{8}$	$\frac{4}{7} > \frac{3}{7}$
The emblem of the guest who finds the shield is not a lion or cross.	The emblem of the guest who finds the shield is not a bull or star.	The emblem of the guest who finds the shield is not a bull or lion.	The emblem of the guest who finds the shield is not a bull or cross.	The emblem of the guest who finds the shield is not a lion or star.



### Clue

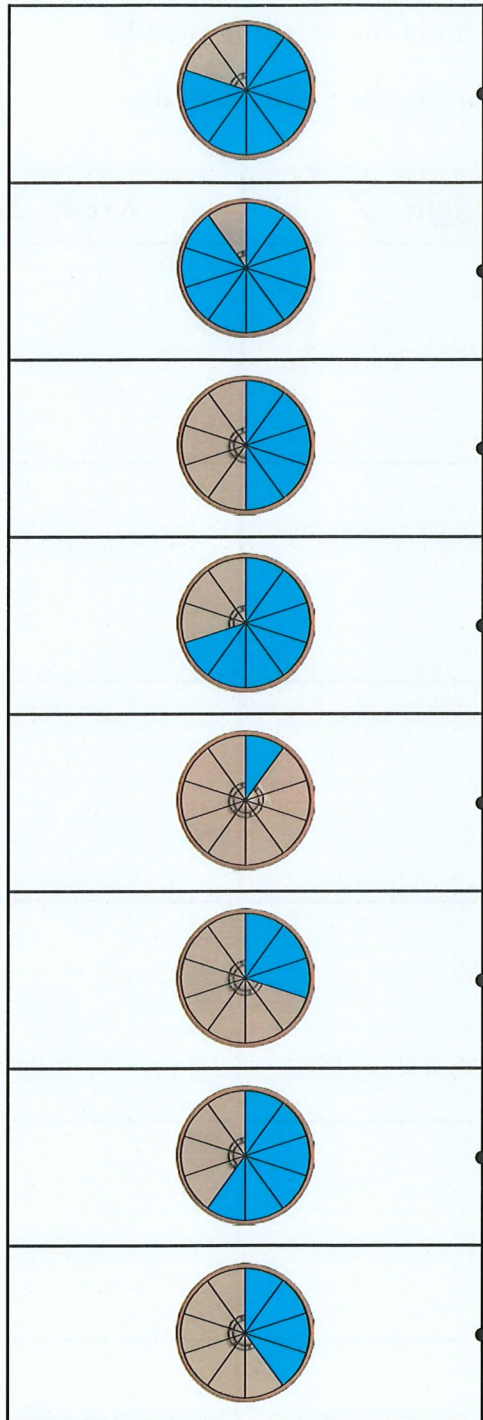
The emblem of the guest who finds the shield isn't a \_\_\_\_\_.



### Clue 3: Tenths

Match the shaded shields with the correct fraction.

The one remaining answer will give you a clue about the person who finds the shield.



$\frac{4}{10}$	The guest's horse is grey or black.
$\frac{9}{10}$	The guest's horse is brown or black.
$\frac{3}{10}$	The guest's horse is grey or brown.
$\frac{6}{10}$	The guest's horse is chestnut or brown.
$\frac{7}{10}$	The guest's horse is brown or grey.
$\frac{8}{10}$	The guest's horse is chestnut or black.
$\frac{1}{10}$	The guest's horse is grey or chestnut.
$\frac{2}{10}$	The guest's horse is black or chestnut.
$\frac{5}{10}$	The guest's horse is black or brown.

### Clue

The guest who finds the shield has a \_\_\_\_\_ or \_\_\_\_\_ horse.

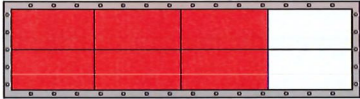
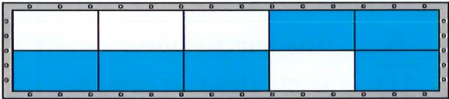
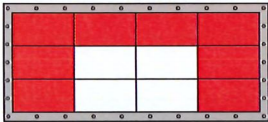
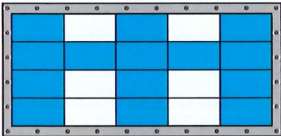
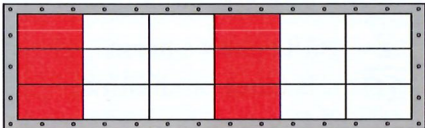
## Clue 4: Fractions of Discrete Objects

Check if the fraction of each shield that is shaded is correctly written. If it is right, put a tick. If it is wrong, put a cross.

Count the number of ticks and crosses.

If there are more ticks than crosses, the person who finds the shield is **female**.

If there are more crosses than ticks, the person who finds the shield is **male**.

	Right ✓	Wrong ✗
 <p>represents <math>\frac{3}{4}</math></p>		
 <p>represents <math>\frac{1}{2}</math></p>		
 <p>represents <math>\frac{2}{3}</math></p>		
 <p>represents <math>\frac{4}{5}</math></p>		
 <p>represents <math>\frac{1}{3}</math></p>		
<b>Total</b>		

### Clue

The guest who finds the shield is male / female .

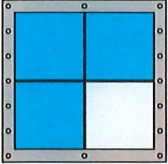
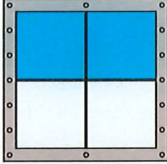
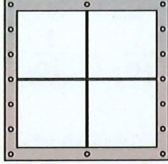
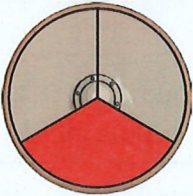
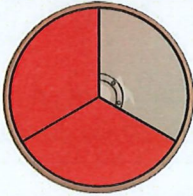

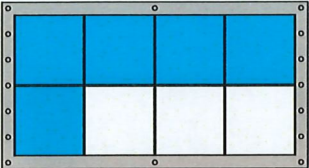
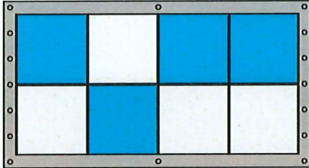
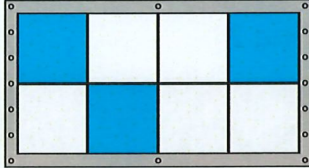
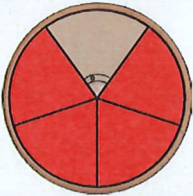
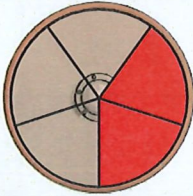
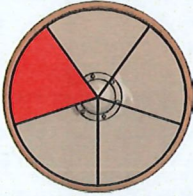
(Circle the correct answer)



## Clue 5: Equivalent Fractions

In each row, look at the fraction in the first column. Look for the shield which has the equivalent fraction shaded.

The column with the most correct answers will tell you the age of the guest who finds the shield.

$\frac{3}{4}$			
$\frac{2}{3}$			
$\frac{3}{8}$			
$\frac{1}{5}$			
Age	21-30	31-40	41-50

### Clue

The guest who finds the shield is aged between \_\_\_\_\_.

The guest who is responsible for finding the shield is \_\_\_\_\_.

# The Mystery of the Missing Shield **Answers**

## Clue 1

$$\frac{3}{10} + \frac{4}{10} = \frac{7}{10}$$

$$\frac{9}{10} - \frac{6}{10} = \frac{3}{10}$$

$$\frac{1}{10} + \frac{6}{10} = \frac{7}{10}$$

$$\frac{7}{10} - \frac{4}{10} = \frac{3}{10}$$

$$\frac{9}{10} - \frac{2}{10} = \frac{7}{10}$$

$$\frac{2}{10} + \frac{7}{10} = \frac{9}{10}$$

$$\frac{8}{10} - \frac{1}{10} = \frac{7}{10}$$

$$\frac{6}{10} + \frac{3}{10} = \frac{9}{10}$$

$$\frac{2}{10} + \frac{1}{10} = \frac{3}{10}$$

$\frac{3}{10}$	$\frac{7}{10}$	$\frac{9}{10}$
The guest doesn't have a red cloak.	<b>The guest doesn't have a yellow cloak.</b>	The guest doesn't have a blue cloak.

## Clue 2

START	$\frac{1}{2} > \frac{1}{3}$	$\frac{5}{8} < \frac{7}{8}$	$\frac{1}{5} > \frac{1}{8}$	$\frac{4}{5} > \frac{2}{5}$
$\frac{1}{9} < \frac{1}{6}$	$\frac{3}{4} < \frac{1}{4}$	$\frac{5}{6} < \frac{1}{6}$	$\frac{7}{10} > \frac{9}{10}$	$\frac{1}{3} > \frac{1}{4}$
$\frac{6}{7} > \frac{5}{7}$	$\frac{3}{10} < \frac{1}{10}$	$\frac{1}{4} > \frac{1}{3}$	$\frac{2}{9} < \frac{4}{9}$	$\frac{1}{7} > \frac{1}{8}$
$\frac{1}{3} < \frac{1}{5}$	$\frac{5}{8} > \frac{1}{8}$	$\frac{1}{8} < \frac{3}{8}$	$\frac{5}{12} < \frac{7}{12}$	$\frac{2}{3} < \frac{1}{3}$
$\frac{1}{5} < \frac{1}{3}$	$\frac{2}{5} > \frac{1}{5}$	$\frac{7}{10} < \frac{3}{10}$	$\frac{9}{11} < \frac{7}{11}$	$\frac{1}{7} > \frac{1}{8}$
$\frac{4}{6} > \frac{2}{6}$	$\frac{1}{4} < \frac{1}{5}$	$\frac{8}{9} < \frac{2}{9}$	$\frac{1}{6} > \frac{1}{8}$	$\frac{4}{7} > \frac{3}{7}$
The emblem of the guest who finds the shield is not a lion or cross.	The emblem of the guest who finds the shield is not a bull or star.	The emblem of the guest who finds the shield is not a bull or lion.	The emblem of the guest who finds the shield is not a bull or cross.	The emblem of the guest who finds the shield is not a lion or star.

The emblem of the guest who finds the shield isn't a **lion or cross**.




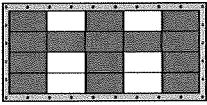
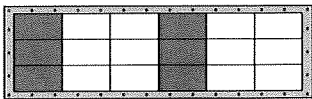
### Clue 3

The remaining fraction is:

$\frac{2}{10}$  The guest's horse  
is black or chestnut.

The guest who finds the shield has a **black** or **chestnut** horse.

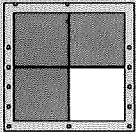
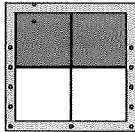
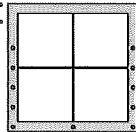
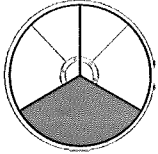
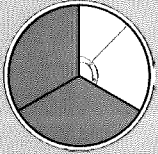
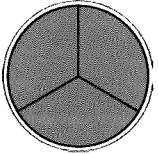
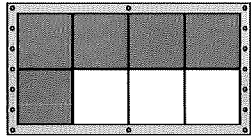
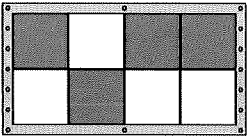
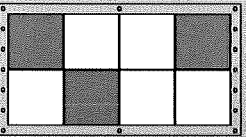
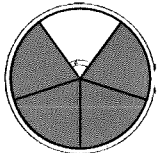
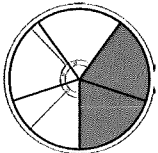
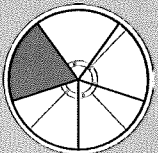
### Clue 4

	Right ✓	Wrong ✗
 represents $\frac{3}{4}$	✓	
 represents $\frac{1}{2}$		✗
 represents $\frac{2}{3}$	✓	
 represents $\frac{4}{5}$		✗
 represents $\frac{1}{3}$	✓	
<b>Total</b>	<b>3</b>	<b>2</b>

The guest who finds the shield is male / **female**.



Clue 5

$\frac{3}{4}$			
$\frac{2}{3}$			
$\frac{3}{8}$			
$\frac{1}{5}$			
Age	21-30	31-40	<b>41-50</b>

The guest who finds the shield is aged between **41-50**.

The guest who is responsible for finding the shield is **Lady Catherine**.

## Learning Tips



- March like a soldier and chant the multiplication tables e.g.  $1 \times 3 = 3$ ,  $2 \times 3 = 6$ ...
- Play multiplication ping pong with one person batting the question and the other batting back the answer.

## Quick Questions

- |                         |                          |
|-------------------------|--------------------------|
| 1. $2 \times 3 =$ ..... | 6. $3 \times 3 =$ .....  |
| 2. $5 \times 6 =$ ..... | 7. $8 \times 8 =$ .....  |
| 3. $7 \times 4 =$ ..... | 8. $1 \times 6 =$ .....  |
| 4. $6 \times 8 =$ ..... | 9. $12 \times 4 =$ ..... |
| 5. $2 \times 4 =$ ..... | 10. $4 \times 3 =$ ..... |

Now try making your own 'quick 10' and test yourself or someone else!



Try practising your times tables every day!

Name: .

Date:

10  
total marks

## Year 3 English Grammar and Punctuation Test 1

1. Add 'a' or 'an' to the sentence below.

1 mark

As  treat, we sometimes take  picnic to  amazing park nearby.

2. Draw lines to match the words below to the appropriate prefix.

1 mark

tele

angle

semi

vision

tri

circle

3. Underline all the **direct speech** in the sentence below.

1 mark

"Buster!" shouted Dad. "Come here, boy!"

4. Read this sentence. Circle the adverbs.

1 mark

Slowly and silently, the snake slithered through the grass.

total for  
this page

5. Look at the words in the table. Do they start with a consonant or a vowel? **Tick one option.**

Word	Starts with a consonant	Starts with a vowel
apple		
project		
elephant		
umbrella		
rollercoaster		

1 mark

6. Look at the newspaper article below. **Circle the sub-headings.**

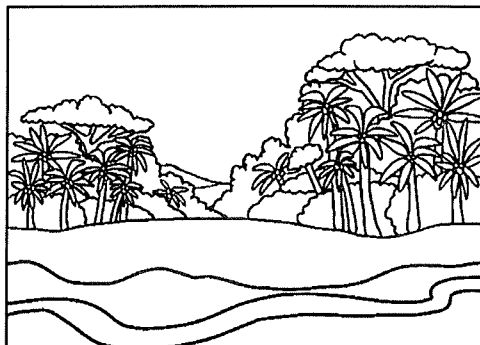
1 mark

## It's a Heatwave!

### Summer is Finally Here

As Britain swelters in the warmth of an unexpected heatwave, weather forecasters have confirmed that the hot weather is here to stay. According to Sunni Shine, chief weather reporter for the Weather Channel, temperatures look set to stay high until the end of the month.

"Today is the hottest day of the year," said Sunni from her studio, "and we can expect more good weather – get out your BBQ!"



### Wettest May on Record

The warm weather is particularly welcome after what has been dubbed 'Miserable May', the wettest May since records began.

total for this page

7. Change the verb in the sentence below to use **the present perfect** form of the verb.

1 mark

He  in Birmingham since he was very small.

↑  
to live

8. Circle the **preposition** in this sentence.

1 mark

I found my kitten hiding under the kitchen table.

9. In which sentence is the direct speech correctly punctuated? **Tick one.**

1 mark

"Who did that? demanded the teacher crossly."

☐

"Who did that?" demanded the teacher crossly.

☐

Who did that? demanded the teacher crossly.

☐

10. What is the root word for this family of words?

1 mark

adventure

event

invent

prevent

**\*\*END OF TEST \*\***

total for  
this page

Name:

Date:

10  
total marks

## Year 3 English Grammar and Punctuation Test 2

1. Circle the words in the passage below that belong to the same word family as the verb 'care'.

1 mark

Zookeepers care for the animals they look after. They carefully plan what the animal will eat, making sure that visitors do not carelessly throw the wrong sort of food into their enclosures.

2. Draw lines to match the words below to the appropriate prefix.

1 mark

mis

biotic

auto

mobile

anti

take

3. Circle the inverted commas in the passage below.

1 mark

"We need to turn left here, Dad," said Layla. "Otherwise we will end up going the wrong way again!"

"Are you sure, Layla?" asked Dad. "I'm pretty sure we need to turn right!"

total for  
this page

4. Read this sentence. **Underline the subordinate clause.**

1 mark

We are going to Cornwall on holiday because we like the scenery there.

5. Look at the words in the table. Do they use 'a' or 'an' as a determiner? **Tick one option.**

1 mark

Word	'a'	'an'
alligator		
factory		
unicorn		
school		
emergency		

6. Read the passage below. **Draw an arrow** to where you think the author should have started a **new paragraph**.

1 mark

Lots of children and families have pets, and dogs are very popular. In this article, we will discuss how you can best care for your pet dog and help it to live a happy life. Firstly, a dog takes quite a lot of looking after. As well as feeding it, a dog needs exercise, training and companionship.

total for  
this page

7. Read the sentence below. **Circle the verb** which uses **the present perfect** form.

We have owned our cat for six years and we love her very much.

1 mark

8. **Count the consonants** in the sentence below and put your answer in the box.

School finishes at 3.30pm.

1 mark

9. The sentences below are missing a word. **Choose a conjunction from the box and write it in the space** to complete each sentence.

because

but

before

1 mark

I am not going to school today  I am poorly.

We went to Derbyshire to visit my aunt  we headed to Yorkshire for a few days.

I invited her to play at my house  her mum wouldn't let her come.

10. Choose the sub-heading which best matches the paragraph.

Keeping your hamster clean

☐

Fruit and vegetables

☐

Feeding your hamster

☐

Choosing a hamster

☐

Hamsters need fresh food and water every day. This should include a spoonful of good quality hamster cereal and a small amount of fresh fruit or vegetables. Some examples are a slice of cucumber, a small stick of carrot, a grape or a slice of apple.

1 mark

\*\*END OF TEST\*\*

total for this page



Name:

Date:

10  
total marks

## Year 3 English Grammar and Punctuation Test 3

1. Circle the words in the passage below that belong to the same word family as the verb 'solve'.

1 mark

The detective was determined to solve this crime. There must be a solution to this complicated case. Waiting for his sugar to dissolve in his coffee, he thought about how his last case had been left unsolved and he certainly did not want that to happen again.

2. Circle the verb and the auxiliary verb used in the present perfect sentence below.

1 mark

My mum has been to America many times.

3. Circle the word below which contains only consonant letters.

1 mark

rhyme

rhythm

response

4. Underline the direct speech in the sentence below.

1 mark

"Charlie's project is the best in the whole class!" announced Mr Butler.

total for  
this page

5. Look at the words in the table. **Tick** to show if the word is a preposition or a conjunction.

Word	Preposition	Conjunction
but		
if		
between		
because		
near		

1 mark

6. Which of these phrases use 'a' or 'an' correctly. **Circle the correct** use of 'a' or 'an'.

an hamster

an orange

a unicorn

a egg

1 mark

7. Look at the heading of the article below. **Write an alternative** heading in the box.

### Summer is finally here

As Britain swelters in the warmth of an unexpected heatwave, weather forecasters have confirmed that the hot weather is here to stay. According to Sunni Shine, chief weather reporter for the Weather Channel, temperatures look set to stay high until the end of the month.

"Today is the hottest day of the year," said Sunni from her studio, "and we can expect more good weather – get out your BBQ!"

1 mark

total for  
this page

8. **Count the vowels** in the sentence below and put your answer in the box.

Let's look at a book together.

1 mark

9. The sentences below are missing a word. **Choose an adverb** from the box which fits **both** sentences. **Write it in the box below.**

then

next

soon

To plant a seed, make a hole in the earth and  fill it with water.

Cook the cake for thirty minutes and  take it out of the oven to cool.

1 mark

10. **Draw a line** to match the word 'paragraph' to its definition.

paragraph

A distinct section of a text which helps the writer to separate ideas.

A block graph showing how many words are in a text.

1 mark

**\*\*END OF TEST\*\***

total for this page

# Photo 1



I can see...

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I can hear...

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# Photo 2



I can see...

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I can hear...

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# Photo 3



I can see...

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I can hear...

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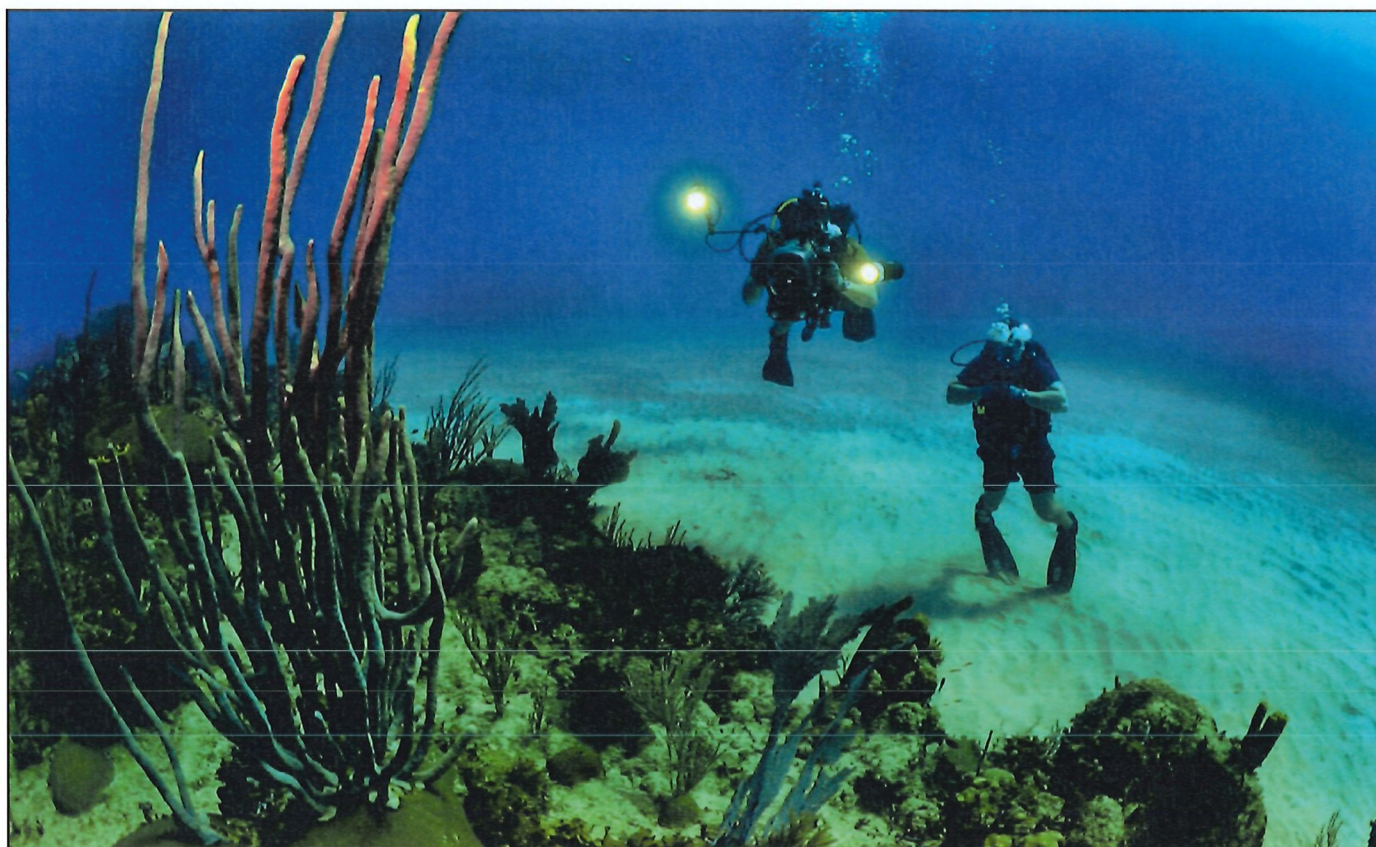
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# Photo 4



I can see...

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I can hear...

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# The Chocolate Factory

## The Chocolate Factory

"How lucky are we?" asked Tom as he and Leah entered the chocolate factory. "I know!" replied Leah. "I can't wait to get to the tasting part!"

Tom and Leah had won a prize in their school fair raffle, which was to visit the local chocolate factory. After putting on hairnets, to keep the chocolate hygienic, they were shown how the chocolate starts as cacao beans. The beans were roasted in ovens to bring out the flavour and the colour. Then the beans were processed to remove the shell and make the cocoa powder and the cocoa butter.

Leah and Tom watched in amazement as these were mixed together with the sugar, vanilla and milk. The melted chocolate was then put into moulds, to solidify into bars and chocolates. Then the tasting began. "Hmm, delicious!" said Leah happily. "Definitely worth the wait!"



Product Code: LI10018 - 08 - 19 Made in UK

tts



## The Chocolate Factory Questions

1. How did Leah and Tom feel as they entered the chocolate factory? How do you know?
2. Why were they visiting the factory?
3. Find the word '*hygienic*' in the text. What does this mean and why is it important to making chocolate?
4. What is the first stage in the chocolate process?
5. What else is added to the mixture?
6. Which scientific process is mentioned in the text?

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- 1 .....
- 2 .....
- 3 .....
- 4 .....
- 5 .....
- 6 .....

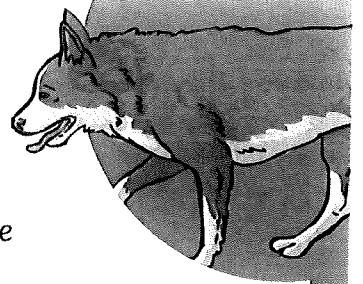


**Draw your ideal chocolate and label with ingredients**

# Pet Care of a Dog

Dogs are hugely popular pets. In fact, there are eight and a half million dogs being kept as pets in the UK alone.

They are known as 'man's best friend', but how should dogs be cared for and what do we actually know about them?



## Diet

Dogs are omnivores, which means they need a well-balanced diet of meat and plant-based foods. They need one meal a day, unless the vet advises otherwise. Their teeth are well-developed, with sharp incisors for tearing meat, and molars for grinding plant foods.

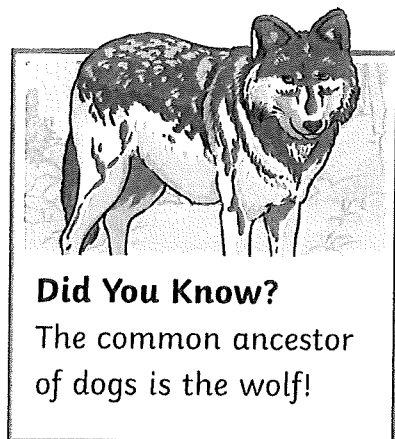
They must have access to clean, fresh water at all times, or else they are at risk of becoming very poorly.

## Environment

Dogs need a comfortable, draught-free, clean and quiet environment. They need to be able to sleep, undisturbed.

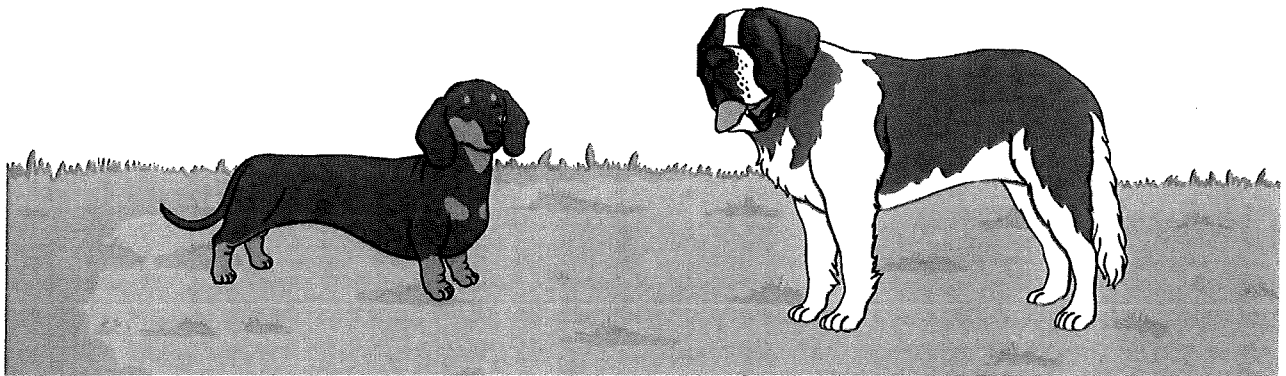
There needs to be access for them to go outside to the toilet regularly, and have some form of exercise appropriate for their breed, every day. After all, compare the type of walk a St Bernard needs compared to a dachshund!

Dogs need a place where they can go if they are frightened. Dogs have very varied temperaments, or might have been previously mistreated, which means some scare more easily than others.



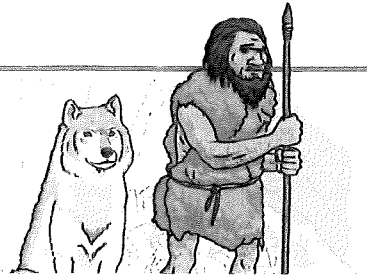
### Did You Know?

The common ancestor of dogs is the wolf!



### Dog behaviour

Dogs are intelligent, playful animals, who need to have suitable toys or objects to play with, along with regular exercise. There are 400 different breeds of dog, and each breed has different traits suitable for the purpose of its breed. From herding to hunting, retrieving and tracking, dogs retain instinctive qualities. Herding dogs follow quick commands and whistles; hunting, tracking and retrieving dogs are fast, have strong senses and tend to be easy to command. For these reasons, pet dogs need to be able to play, fetch, run and jump to stay happy and healthy.



#### Did You Know?

Domestication of dogs began 15,000 years ago!

### Changes in behaviour

If a dog is lying down, not looking at you and turning their face away from you, licking their lips with their ears back, it could be a sign that they are worried.

If a dog is lying down, covering with their ears flat, teeth showing and their tail down between their legs, it could be displaying signs of being angry or unhappy.



#### Did You Know?

Dogs can hear sounds four times quieter than humans can hear!

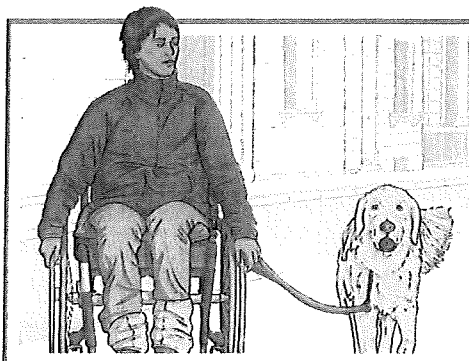
### Training a dog

Dogs need rewarding with treats when they have done something well. They should not be shouted at, as they won't understand the reasons for this behaviour. They need consistent, clear instructions.

### Dangers to dogs

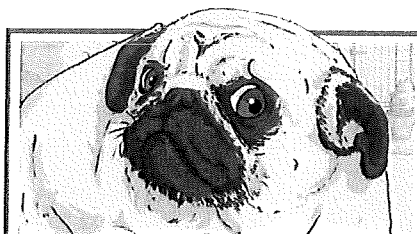
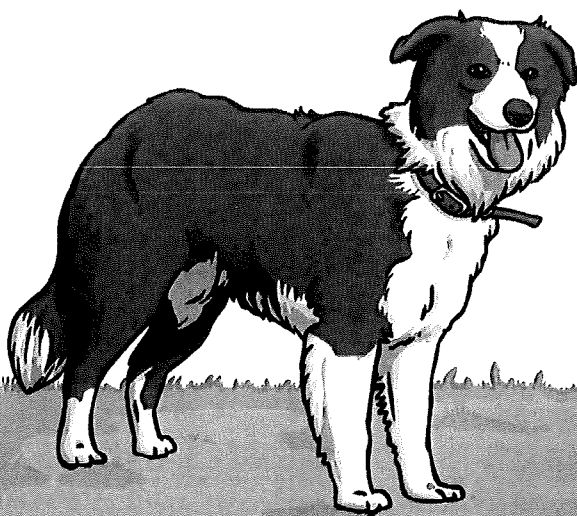
Dogs are naturally inquisitive and need supervision to ensure their safety at all times, especially during walks in unfamiliar places. Some commonplace items are poisonous to dogs:

- Human foods like chocolate, onions, raisins, grapes and sultanas are very poisonous for dogs, and they can become very ill if they eat these things.
- Slug and rat poison can make dogs very ill and even be fatal for them, resulting in kidney failure, abnormal heart rhythms and sickness.



### Helpful dogs

Dogs are wonderfully helpful when given the right training. There are assistance dogs which help disabled people, and dogs that can detect explosives, drugs and even illnesses like cancer and diabetes.



### Did You Know?

A dog has a highly sensitive sense of smell!

# Questions

1. Explain how a dog's teeth suit the diet it needs.

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2. What other word could have been used instead of 'undisturbed'?

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3. Why does the exercise a dog has need to be 'appropriate to their breed'?

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4. In your own words, explain why some dogs might get scared more easily than others.

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5. For how long have dogs been kept as pets?

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6. Describe what sort of traits you might expect a dog bred for hunting, might have, and why.

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7. Give three main instructions on how someone should train their dog.

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8. Explain in detail why dogs need watching carefully if taken on a walk in an area they haven't been before.

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9. If you were a vet and someone brought their dog in which had been sick, what three questions would you ask the owner to try to establish why the dog is ill?

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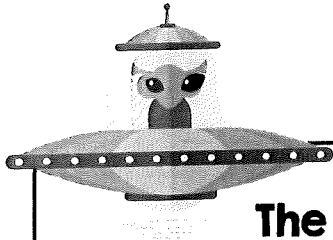
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# The Aliens Have Landed

**Do you believe aliens exist? What would happen if they landed on Earth?**

Read the poem below inspired by the book 'Aliens Love Underpants' by Claire Freedman and Ben Cort.



## The Aliens Have Landed

The aliens have landed  
Everyone beware!  
I saw their spaceship in the field  
The one just over there.

They jumped out very quickly  
In groups of three and four  
There must have been a hundred of them  
Maybe even more!

I wonder why they've chosen Earth  
And where they're going now?  
I hope they're feeling friendly  
But they seemed upset somehow.

They shivered as they moved along  
And very strange but true...  
Their bodies were a shade of green,  
Their feet a deepest blue.

I heard a brrrr and chattering,  
A strangely chilly sound,  
Could it be the Earth's too cold  
For them to hang around?

But wait, they're back already  
And what is this I see?

Their feet no longer deepest blue,  
But stripy like a bee...  
And patterned red with fluffy stars,  
All kinds of different shades,  
They're wearing socks and marching fast  
Like soldiers on parade.

So many socks are passing by,  
They're wearing 3 pairs each,  
Yellow, purple, indigo,  
Turquoise, pink and peach.

There's long and short ones, old and new  
And some with toes built in,  
Some are mighty woolly  
And some are wearing thin.

I wonder where they got them  
Did they buy them from a shop?  
Or steal from people's houses  
I wouldn't tell them "stop"!

They're heading back now into space  
I suppose it's a relief  
What if they'd stayed and we found out  
They all had smelly feet!

The author has changed the theme so the aliens love socks rather than underpants.

On the next page, write your own short story about aliens using the same title as the poem - 'The Aliens have Landed'.

You might think of something else the aliens are obsessed by....perhaps hats, chocolate or cheese!

