



Term: Summer 2

Teacher & Year Group: Miss Newton Class 3-4.

Week 14



Home Learning

WOW! It has been 14 weeks since I last saw you all together in our classroom, I have missed seeing and teaching you all but I hope you are all well and enjoying your time at home.

I have sent some more lessons for you to get on with, please try to complete as much as you can! I hope you are regularly practicing your reading, handwriting and times tables.

I hope to see you all soon,

Miss Newton 😊

Daily Activities.

English

Monday	https://www.youtube.com/watch?v=3Ha6xUVqezQ Watch the clip above. Complete the comparison sheet between humans and orangutans.
Tuesday	Write a non-chronological report about orangutans and the problems they face with palm oil. Remember to use a paragraph per topic e.g. paragraph one – a description of the orangutan, paragraph 2 their habitat, paragraph 3 impacts of deforestation on animals, paragraph 4 palm oil use. There are lots of facts in the resources below to help. The comprehension activity also has facts.
Wednesday	Create a poster to encourage people to help save the orangutans. Remember to make it eye catching, include a few words to show the reader what it is you are promoting. I have included some examples below and some slides to give you some help at making a great poster.
Thursday	Write a letter to a big company like Mars asking them to stop using palm oil in their products. Remember to use persuasive language and lots of facts to help encourage them to stop palm oil production. See template in resources.
Friday	Write a postcard from the Orangutan to his friends in the rainforest from the girl's bedroom.

Maths

Daily Activities

Year 3 & 4	I have included some worksheets on place value and sequencing. Make sure you go onto TT Rockstars each week too.
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Art	Create a poster to encourage people to help save the orangutans. Think back to our persuasive advertisement lessons, remember you need to make it eye catching, include a few words to show the reader what it is you are promoting.
Science	<p>Today I would like you to dissect a flower carefully, separating it into the different parts. I have included a Flower Dissection Mat Activity Sheet to organise the different pieces, where you place each part of the flower under the correct heading.</p> <p>If you can use a real flower from home, you need to be incredibly careful when handling the flower and wash your hands afterwards.</p> <p>Any children unable to use a real flower I have included a Paper Flower Dissection Activity Sheet – or you could find a flower and draw the correct pieces on the sheet.</p>
Computing	Don't forget you can go on Espresso coding or practise your computing skills by typing up a story or creating a powerpoint – this could be about anything you want.
Religious Education	<p>Joseph's brothers didn't like Joseph because their father Jacob favored him the most, as a result Joseph was thrown down a well by his brother's.</p> <p>Today, you are going to think about how you would feel as Joseph, I want you to think about how your brothers have thrown you into a well, did you deserve it? Why do my brothers not like me?</p> <p>In your Home Learning book write a diary entry sharing your thoughts and feelings. You should begin with 'Dear Diary' and end with your name 'Joseph'.</p>
P.E	<p>https://www.youtube.com/user/thebodycoach1 Every morning at 9am, Joe Wicks streams a live PE lesson. It is 30minutes long, if you don't tune in at that time, you can access it at any time on his YouTube channel, follow the link above.</p> <p>https://www.youtube.com/results?search_query=cosmic+kids+yoga I have also included a YouTube link for Cosmic Kids Yoga – these videos are great as they tell a story through Yoga.</p>

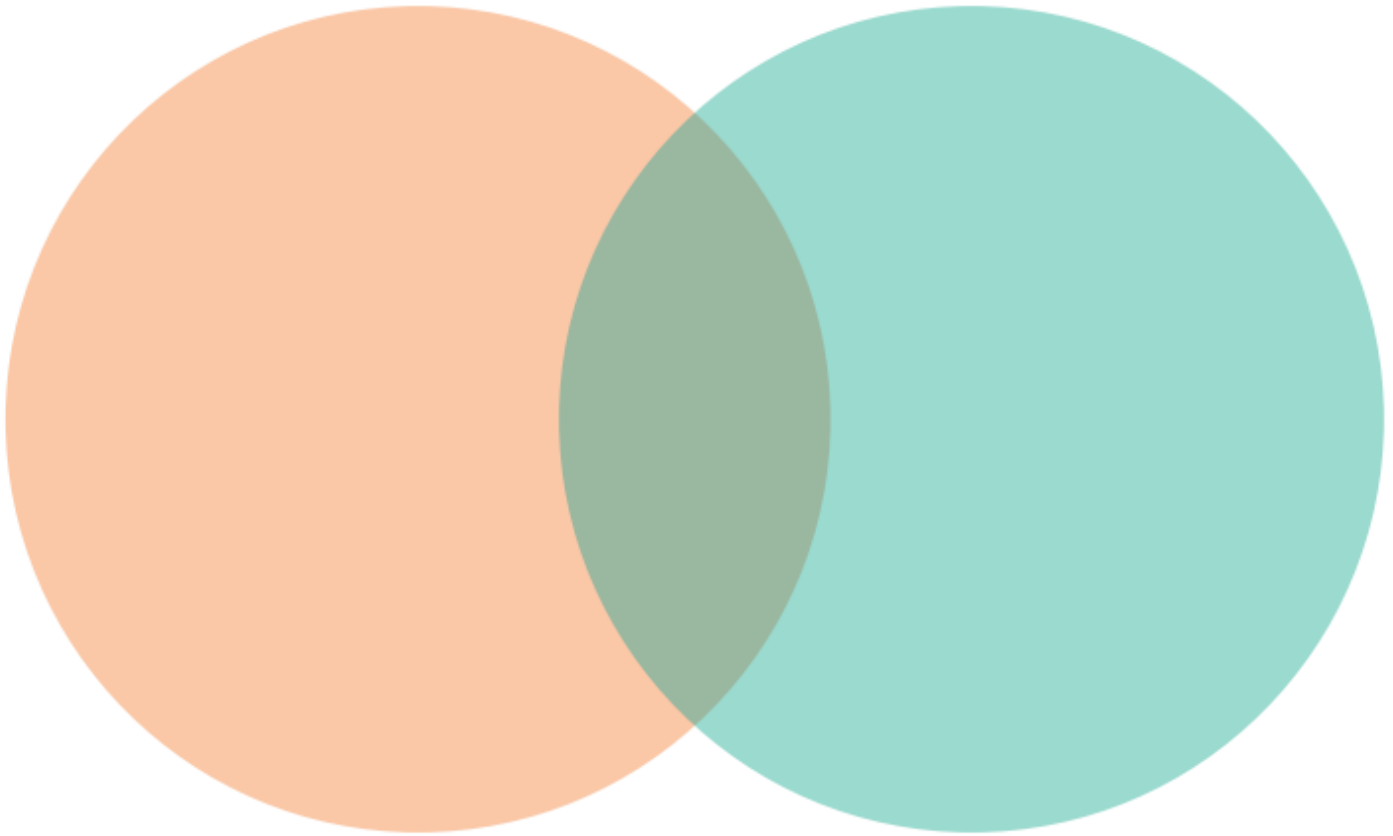


English - Monday

DID YOU KNOW? The word "orangutan" is from the Malay language – "orang" means human and "utan" comes from a word meaning forest. So orangutan means "human of the forest"!

Humans

Orangutans



Orangutans and humans are different because

Orangutans and humans are similar because

One thing I have learned about orangutans is

This makes me feel differently about orangutans because



English – Tuesday

NON-CHRONOLOGICAL REPORT TEMPLATE

TITLE OF REPORT:

INTRODUCTION:

SUB-HEADING 1:

SUB-HEADING 2:

SUB-HEADING 3:



Facts

Orangutans feed on wild fruit such as lychees and figs, but they also eat bark and insects which mean that they are an omnivore like humans.

Orangutans are great apes who can be found in Asia. They inhabit Malaysia and Indonesia where they live in the rainforests on the islands of Borneo and Sumatra.

In the wild these great apes often live alone and on average can live for 30 – 40 years if they are not injured or captured.

Orangutans depend on the trees in the rainforest for food and for shelter. They have been observed, in the wild, using large leaves as umbrellas. Because they are so dependent on the trees this means that they are in danger of extinction because of deforestation and other human activities such as hunting.



Orangutan

There are three types of Orangutan and all are critically endangered.

Their scientific names are *Pongo Abellii*, *Pongo Pygmaeous* and *Pongo tapanuliensis*

Standing at 4-5ft tall, Orangutans are about the same height as an 11 year old human but they can weigh between 5 and 12 stones making them much heavier than most Y6 children!





What do orangutans eat?

Orangutans eat mostly fruit - their favourites are huge spiky fruits called Durian, these fruits smell very bad, and taste a bit like custard and garlic, but orangutans love them! Orangutans also eat some flowers, honey, bark, leaves and insects.





Do orangutans use tools?

Orangutans make umbrellas for themselves out of big leaves when it rains, and use sticks to get honey from beehives.





How do they attract your attention and stick in your memory?

They can use shocking images

They ask questions to hook you in

They use alliteration, rhyme or a play on words to create a memorable slogan

They persuade you to imagine yourself in that situation or how it will affect you personally



Charity Advertisements

They contain a mix of facts and persuasive language

They focus on the negative and how you can make it positive

They use exaggerated language to paint a picture

They can use imperative verbs

They ask rhetorical questions

They use memorable images and slogans



Why are orangutans endangered?

Orangutans are losing their homes as tropical rainforests are being cut down for wood to make paper and furniture and the land is cleared to grow palm oil, an ingredient in lots of foods.

Baby orangutans are also taken from their mothers to be sold as pets.





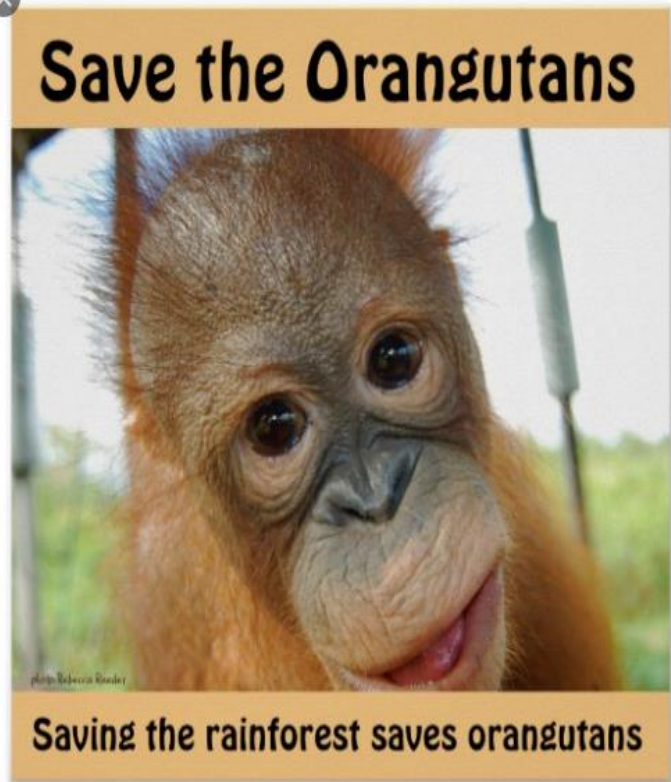
What can we do to help?

We can help by planting trees and helping to look after damaged forests for orangutans and lots of other wildlife, including elephants, tigers and rhinos.





English/ART – Wednesday
Examples





English - Thursday

The diagram illustrates the structure of a letter with the following sections:

- Recipient's address:** A rectangular box on the top left.
- Your address:** A rectangular box on the top right.
- Greeting:** A horizontal rectangular box below the recipient's address.
- Date:** A horizontal rectangular box below the sender's address.
- Your letter:** A large rectangular box occupying the center of the page.
- Closing farewell:** A horizontal rectangular box at the bottom left.



English – Friday
Template

A large, empty rounded rectangular box with a light gray grid background, intended for writing. The box has a dark gray border and rounded corners.





Reading Comprehension

Year 3

All About Palm Oil

What is Palm Oil?

Palm oil is an important and widely-used vegetable oil which is made from the fruit of the palm tree. It is used in a huge variety of different foods and household products but growing palm trees affects the world's tropical rainforests by contributing to **deforestation**. Many **endangered** species which inhabit these rainforests are harmed by the widespread farming of palm oil.

Did You Know...?

- About half of all packaged products sold in a supermarket contain palm oil!
- Iceland, a supermarket in the UK, has decided to cease using palm oil in their products because they think the way it is made causes too much harm to our rainforests.

Why Is It Useful?

Palm oil is an incredibly useful ingredient which is found in many kinds of different products sold in our supermarkets. It remains a solid at room temperature, is inexpensive and helps to moisturise our skin. As a result, palm oil is

included in many products we use every day, from chocolate to instant noodles and shampoo to soap.



What's the Problem with Palm Oil?

Palm trees grow naturally in a tropical climate so many farmers are clearing tropical rainforests in order to farm large areas of palm trees in a **plantation**. Clearing rainforests by felling or burning trees is known as **deforestation**. However, these ancient rainforests are a habitat for a diverse population of animals and plants. Many animals who live in the rainforests, such as orangutans and tigers, are already **endangered**. Also, rainforests help to keep our air clean by absorbing harmful carbon dioxide and producing oxygen.



What Can We Do to Help?

There are several ways in which we can help protect rainforests for the



All About Palm Oil

future. Firstly, we can choose products that either do not contain any palm oil or those which contain sustainable palm oil. This means that the palm oil was grown and made in a responsible way which does not harm animals or the rainforests. Secondly, we can write to the manufacturers of our favourite foods to persuade them to use sustainable palm oil, if they do not already.

Glossary

deforestation – The action of clearing a wide area of trees.

endangered – An animal species which is in danger of extinction (dying out forever).

plantation – An area in which trees or crops have been planted.



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Questions

1. How is palm oil used? Tick **one**.

- from the fruit of the palm tree
- in a huge variety of different foods and household products
- in the widespread farming of palm oil
- to contribute to deforestation

2. In which products is palm oil included? Tick **two**.

- chocolate
- shampoo
- furniture
- clothing

3. Where do palm trees grow naturally? Tick **one**.

- in a supermarket.
- in a cold climate.
- in a desert.
- in a tropical climate.

4. Match each statement to the correct subtitle.

Why Is It Useful?

What's the Problem with Palm Oil?

Palm oil is used in many kinds of products in our supermarkets.

Farmers are felling trees in rainforests in order to grow palm trees.

Palm oil is used in some products because it moisturises our skin.

Lots of different animals and plants live in rainforests.



All About Palm Oil

5. Fill in the missing words.

About _____ of all packaged products _____ in a supermarket contain _____ oil.

6. Find and copy a word which shows that a supermarket in the UK has stopped using palm oil.

7. What do you think will happen if farmers continue to fell or burn trees in the rainforests?

8. Explain why we should help to protect the rainforests for the future.



Comprehension

Year 4

All About Palm Oil

What is Palm Oil?

About half of all packaged products sold in a supermarket contain palm oil, a vegetable oil which is derived from the fruit of the palm tree. It is included in a wide variety of different foods and household products. However, the manufacture of palm oil is **controversial** because it often involves farming large areas of palm trees on land that was previously tropical rainforests. The **deforestation** of ancient and biodiverse tropical rainforests has been linked with a decline in habitats for endangered species and also with an increase in air pollution.

Why Is It Useful?

Palm oil has many special properties which make it an incredibly useful ingredient in various products which we buy. For example, it remains a solid at room temperature, is inexpensive and, due to its skin-conditioning ability, it even helps to moisturise our skin and hair! Consequently, palm oil is included in many daily-use products, from chocolate to instant noodles, shampoo to soap and even in biofuel which can power transportation or provide heat!

What's the Problem with Palm Oil?

Palm trees grow naturally in West Africa, a tropical climate. However, palm tree **plantations** are currently being developed in widespread regions of Indonesia and Malaysia. These countries are home to areas of tropical rainforests, which are being cleared to make way for the **plantations**. Clearing rainforests by felling or burning trees is known as **deforestation**. This is **controversial** because not only are these ancient rainforests a habitat for a diverse population of animals and plants, but they

Did You Know...?

- Greenpeace – an organisation concerned with protecting rainforests and our natural world – say that, in Indonesia, an area the size of a football pitch is cut down every 25 seconds.
- Sometimes palm oil might not be clearly labelled on the ingredients lists of products. Other names might include: vegetable oil, vegetable fat or even glyceryl!





All About Palm Oil

also help to provide essential oxygen and absorb harmful carbon dioxide, keeping our air clean. Many species – including orangutans, tigers and elephants – which live in the rainforests are already at a risk of extinction and need their habitats to be protected in order to prevent further losses.

What Can We Do to Help?

There are several ways in which we can help to protect the tropical rainforests.

Firstly, we can choose to buy products that do not contain any palm oil at all. Iceland, a supermarket in the UK, has decided to stop using palm oil because they think its manufacture results in too much harm to our rainforests. Alternatively, we could buy products which contain **sustainable** palm

oil – that which was grown and made in a responsible way, not harming the biodiversity of the rainforests. Finally, we could contact the manufacturers of our favourite products in order to urge them to use **sustainable** palm oil across all of their products.



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Glossary

controversial – Likely to cause public disagreement.

deforestation – The action of clearing a wide area of trees.

plantation – An area in which trees or crops have been planted.

sustainable – Keeping a balance by avoiding reducing natural resources.



Questions

1. What fraction of all packaged products contain palm oil? Tick **one**.

- about a quarter
- about a third
- about a fifth
- about a half

2. Why is the manufacture of palm oil controversial? Tick **two**.

- because it gives us various different products
- because it is linked to a decline in habitats for endangered species
- because it involves farming large areas of palm trees where tropical rainforests are
- because it is inexpensive

3. Give one example of a product which includes palm oil.

4. Look at the **Did You Know...?** fact box. What does the author mean when they say Greenpeace is '**concerned with protecting our natural world**'?

5. Fill in the missing words.

Clearing _____ by _____ or _____ trees is known as deforestation.

6. What do you think will happen if farmers continue with deforestation?

7. Why do you think the author has told us that palm oil might be labelled in different ways?

8. Why should we persuade the manufacturers of products which use palm oil to change what they do? Use evidence from the text to support your answer.



Spellings
Year 3

Stage: 3	Challenge Words
List: 30	Name:



Spellings	1 st Attempt	2 nd Attempt	3 rd Attempt	4 th Attempt	5 th Attempt
accidentally					
breathe					
century					
consider					
eight					
guard					
heard					
peculiar					
possible					
quarter					



Spelling activity.
Year 3

Stage: 3	Challenge Words
List: 30	Name: _____



Spellings
accidentally
breathe
century
consider
eight
guard
heard
peculiar
possible
quarter

Cover your spellings up. Can you work out the missing vowels from each word? If you find it hard, ask someone to read the words.

_ c c _ d _ n t _ l l y	_ _ g h t
c _ n t _ r y	b r _ _ t h _
c _ n s _ d _ r	h _ _ r d
p _ c _ l _ a r	g _ _ r d
p _ s s _ b l _	q _ _ r t _ r




Grammar

Year 3

a

Mr Whoops has made TWO clumsy spelling mistakes in his sentence. Can you underline them and correct them?

Yesterday during my grammer lesson, I learned how to discribe nouns using expanded noun phrases.



b

Write 'a' or 'an' correctly before the items on the recipe:

_____ egg

_____ cupful of flour

_____ teaspoon of vanilla extract

c

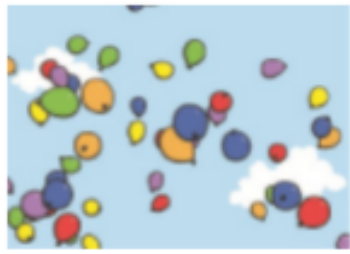
Can you add an appropriate preposition to complete the sentence?

After preparing her diving equipment, Polly investigated the coral _____ the Red Sea.

d

Can you underline the conjunction in this sentence?

After the celebrations had finished, the balloons drifted off into the distance.



e

Tick the sentence that is a command.


Get in the bath.

Would you like to wash your hands?

How amazing that would be!

f

Can you think of a silent letter word to match the picture?



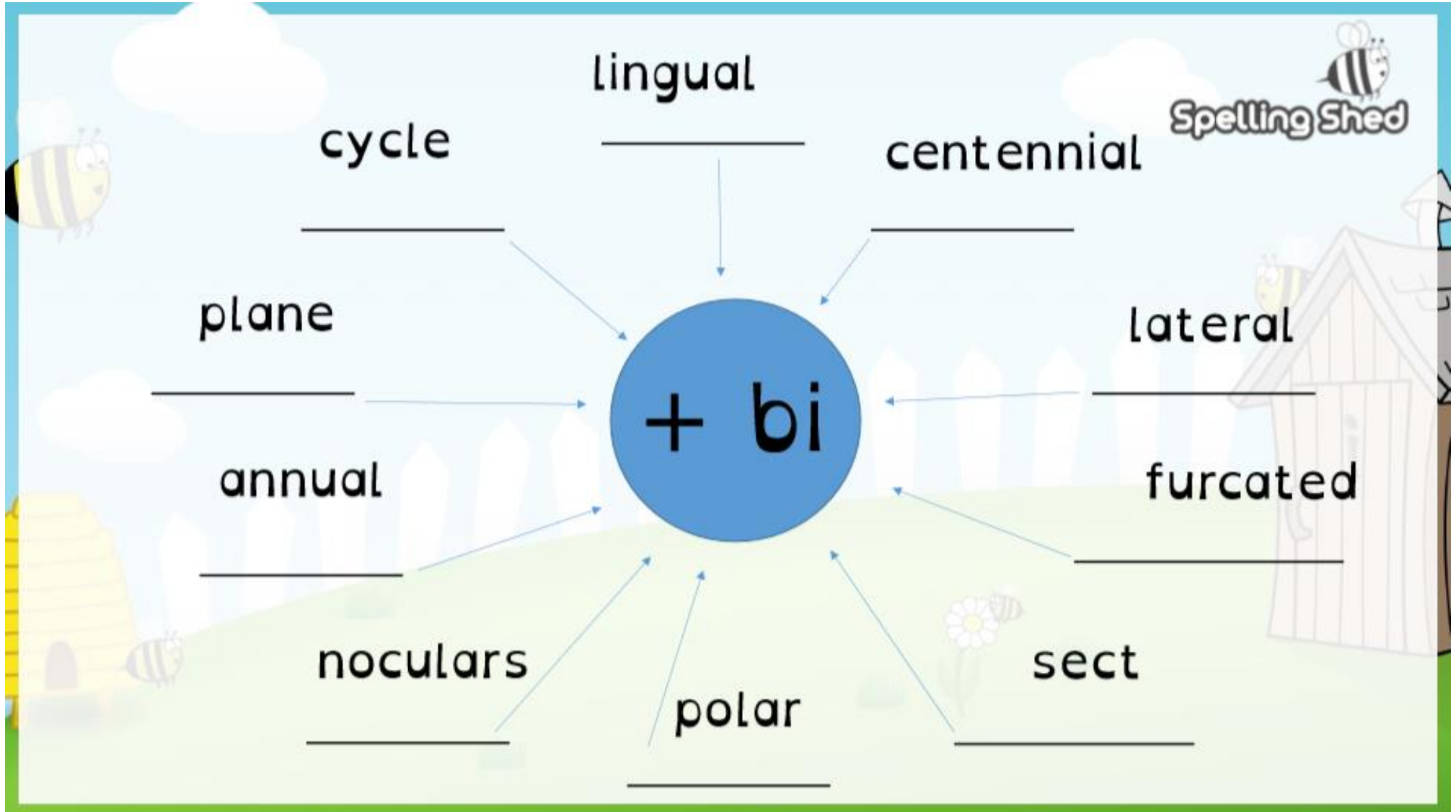
Stage: 4	The prefix bi- meaning two.
List: 30	Name:



Spellings	1 st Attempt	2 nd Attempt	3 rd Attempt	4 th Attempt	5 th Attempt
bicycle					
biplane					
biped					
bicentennial					
biannual					
bilingual					
bicuspid					
biceps					
binoculars					
bisect					



Spelling activity
Year 4





a

Replace the underlined words with appropriate pronouns.

Maddie wants to be an Olympic swimmer when Maddie gets older.

It is Maddie's biggest dream.

Mr Whoops has accidentally jumbled up one of his Y3/Y4 spelling words. Can you help him to unjumble it? (CLUE: It's an adjective!)

ragNSTE

b

Tick the sentence that has used the plural possessive apostrophe correctly:

The children's shoes were terribly muddy.

The childrens' shoes were terribly muddy.

The childrens shoes' were terribly muddy.

c

Underline the fronted adverbial in this sentence.

At the top of the hill, the Easter egg race began.



e

Underline the subordinate clause in this sentence.

Because they want a chance to see the Statue of Liberty, many tourists visit New York City every year.



f

d

Can you think of words ending in 'cian' to match these occupation definitions? Use a dictionary if you need to:

A member of parliament _____

Someone who checks your eyesight _____



Maths - Year 3

Complete the number tracks.

200	300		500			800	
-----	-----	--	-----	--	--	-----	--

	900	800			500		
--	-----	-----	--	--	-----	--	--


Complete the number tracks.



50		150	200			350		450	
----	--	-----	-----	--	--	-----	--	-----	--

	750	700	650			500			350
--	-----	-----	-----	--	--	-----	--	--	-----



 Tia thinks the place value grid is showing the number nine.

Hundreds	Tens	Ones
● ● ●		
● ● ●		
● ● ●		

Do you agree? Explain why.

Using all of the counters, what is the smallest number you can make?

What other numbers could you make?



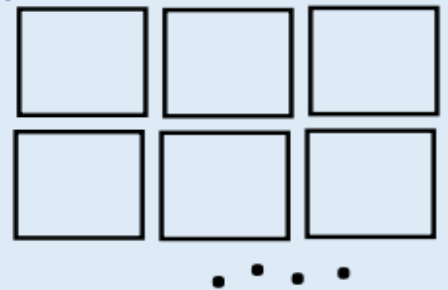
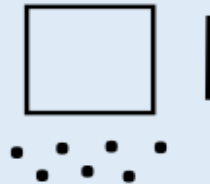
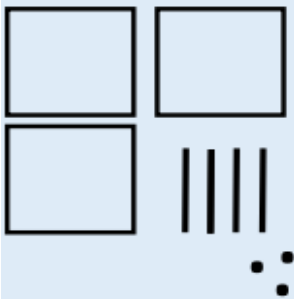
Representation	Number

Does it matter in which order you build the number?

You can represent a number by drawing base 10.



What number do these drawings represent?





Zach is drawing numbers.
Can you complete them for him?

246



390



706



What is the value of the number represented in the
place value chart?

Hundreds	Tens	Ones

Write your answer in numerals and in words.

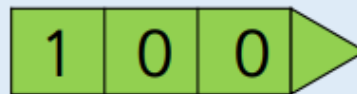
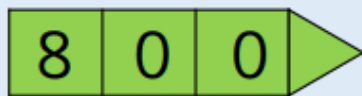
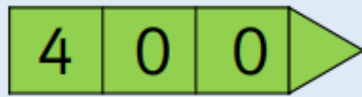


What is the value of the number represented in the place value chart?

Hundreds	Tens	Ones

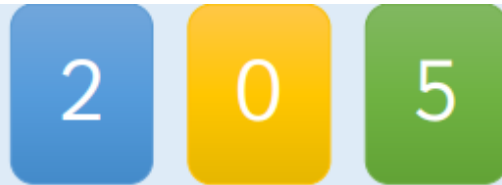
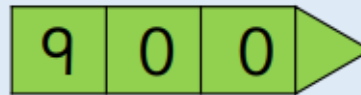
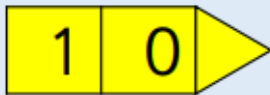
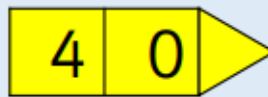
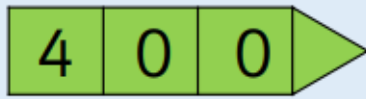
Write your answer in numerals and in words.

What number do the arrow cards make?





What number do the arrow cards make?



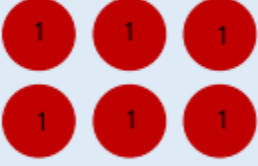


Using each digit card, which numbers can you make?

Hundreds	Tens	Ones

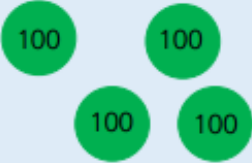

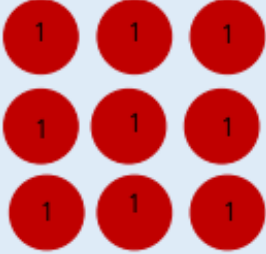


What is the value of the number represented in the place value chart?

Hundreds	Tens	Ones
		

If one more ten is added, what number would be shown?

What is the value of the number represented in the place value chart?

Hundreds	Tens	Ones
		

If one more ten is added, what number would be shown?



Use $<$, $>$ or $=$ to make the statement correct.



Use $<$, $>$ or $=$ to make the statement correct.





Draw an arrow in the correct place on the number line.

Draw an arrow to show the number 800.



Draw an arrow to show the number 560.



What intervals do the number lines go up in?

Draw an arrow in the correct place on the number line.

Draw an arrow to show the number 380.

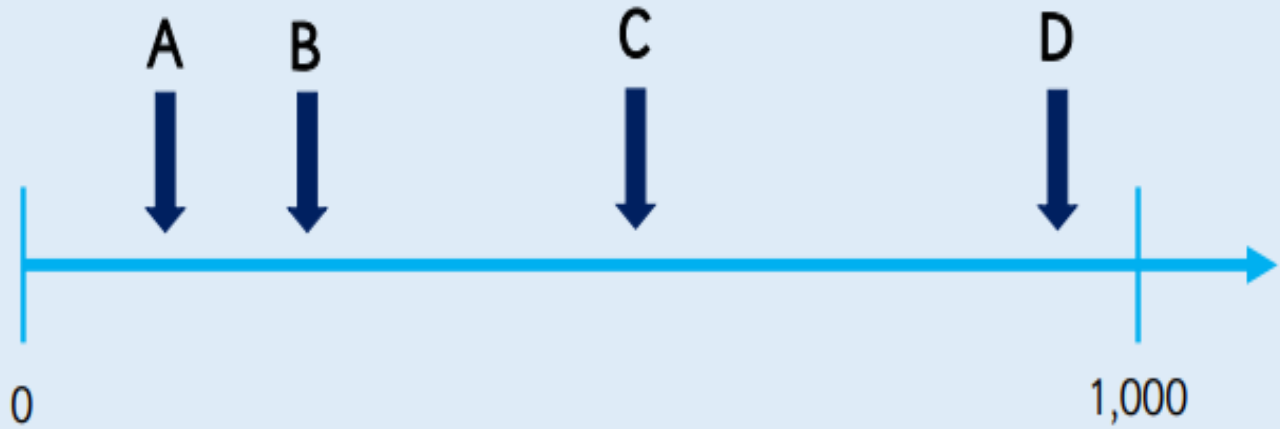


Draw an arrow to show the number 510.

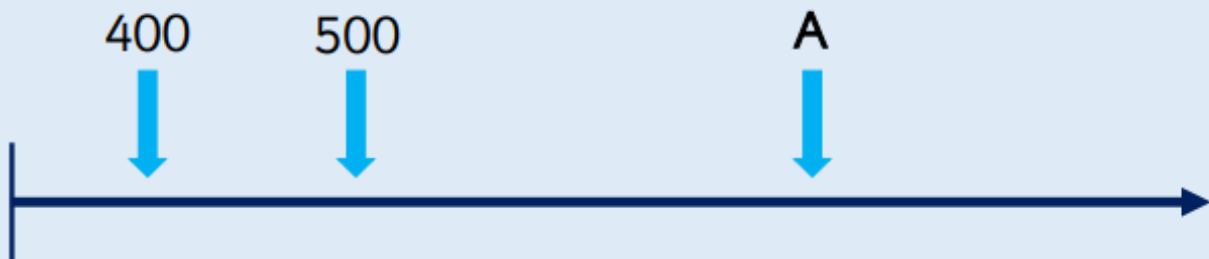




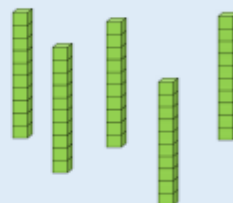
Which letter is closest to 250?



Estimate the value of A.



Put the correct number in each box.

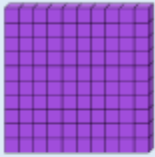


10 less

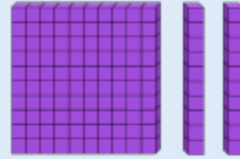
10 more



Put the correct number in each box.



10 less



10 more



100 less



100 more



What happens when I subtract 10 from 209?

Complete the table.

100 less	Number	100 more



Draw a set of counters to make the statement true.





Complete the statements.

$$600 + 70 + 4 > 600 + \underline{\quad\quad} + 4$$

Two hundred and five < _____



Leanna has three jars of sweets.

A



B



C



Jar A contains 230 sweets.

Jar C contains 165 sweets.



Leanna

Jar A has the most sweets in.
Jar C has the least sweets in.

How many sweets could
be in Jar B?
Explain how you know.



Here are three digit cards.
What is the greatest number you can make?
What is the smallest number you can make?



Here is a list of numbers.
Place the numbers in ascending order.
Now place them in descending order.
What do you notice?

312, 321, 123, 132, 213, 231

 Rosie has seven different numbers.



She put them in ascending order then accidentally spilt some ink onto her page. Two of her numbers are now covered in ink.

214, 215, , 256, , 289

What could the hidden numbers be?
Explain how you know.



Mental Maths

1)	$4 + 500 + 20$	
2)	$\underline{\quad} - 5 = 11$	
3)	$12 \div 2$	
4)	3×6	
5)	How many vertices? 	
6)	What is the missing number? $34 \quad \underline{\quad} \quad 26 \quad 22 \quad 18 \quad 14$	
7)	$124 + 30$	
8)	 Which number is the arrow pointing at?	
9)	$754 - 300$	
10)	The time is 1:20pm. What was the time 3 hours ago?	
11)	Double 36	
12)	I have two £2 coins and three 50p coins. How much more do I need to make £5?	£
13)	In a long jump, Captain jumps 195cm and Tyger jumps 2m 10cm. How much further did Tyger jump?	
14)	Raffle tickets cost 20p. Sally spends £1.20 on tickets. How many did she buy?	
15)	The temperature is 4°C. It falls by 7°C overnight. What is the temperature now?	
16)	A pot plant costs £6. How much would 4 plants cost?	



Maths
Year 4

Complete the number tracks.

200	300		500			800	
-----	-----	--	-----	--	--	-----	--

	900	800			500		
--	-----	-----	--	--	-----	--	--

Complete the number tracks.

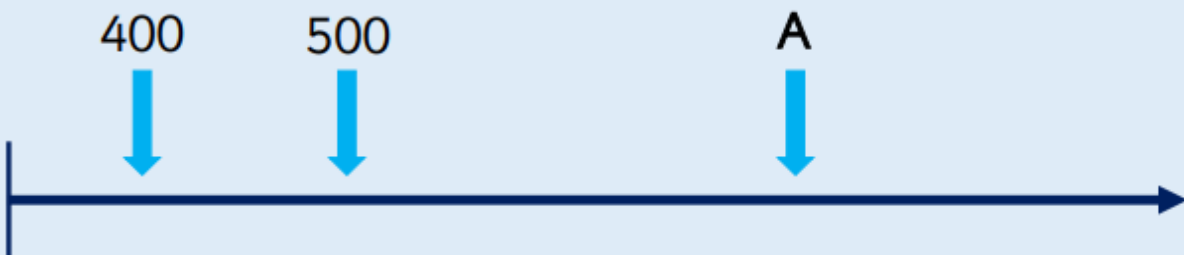


50		150	200			350		450	
----	--	-----	-----	--	--	-----	--	-----	--

	750	700	650			500			350
--	-----	-----	-----	--	--	-----	--	--	-----



Estimate the value of A.





Draw an arrow in the correct place on the number line.

Draw an arrow to show the number 800.



Draw an arrow to show the number 560.



What intervals do the number lines go up in?

What is the value of the number represented in the place value chart?

Hundreds	Tens	Ones

Write your answer in numerals and in words.



Complete the statements.

$$600 + 70 + 4 > 600 + \text{_____} + 4$$

Two hundred and five < _____

Here are three digit cards.

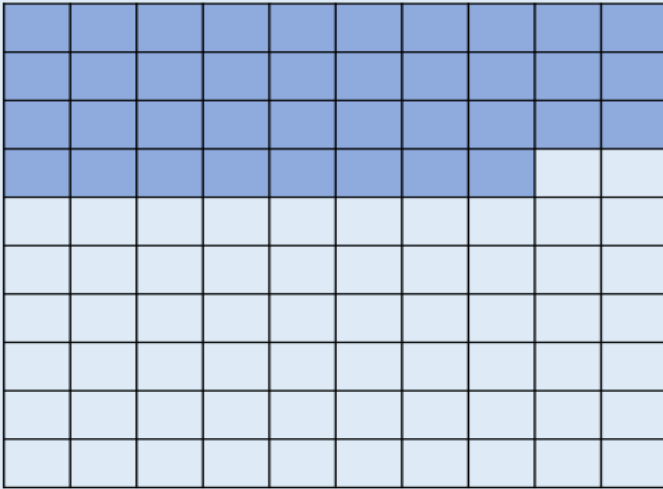
What is the greatest number you can make?

What is the smallest number you can make?





Here is a hundred square.

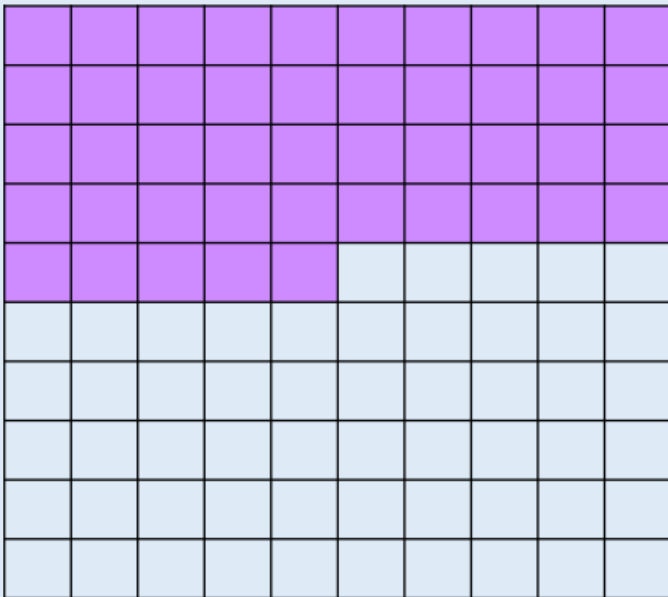


How many hundredths are shaded?

How many more hundredths do you need to shade so the whole hundred square is shaded?

__ hundredths + __ hundredths = 1 whole

Here is a hundred square.



How many hundredths are shaded?

How many more hundredths do you need to shade so the whole hundred square is shaded?

__ hundredths + __ hundredths = 1 whole

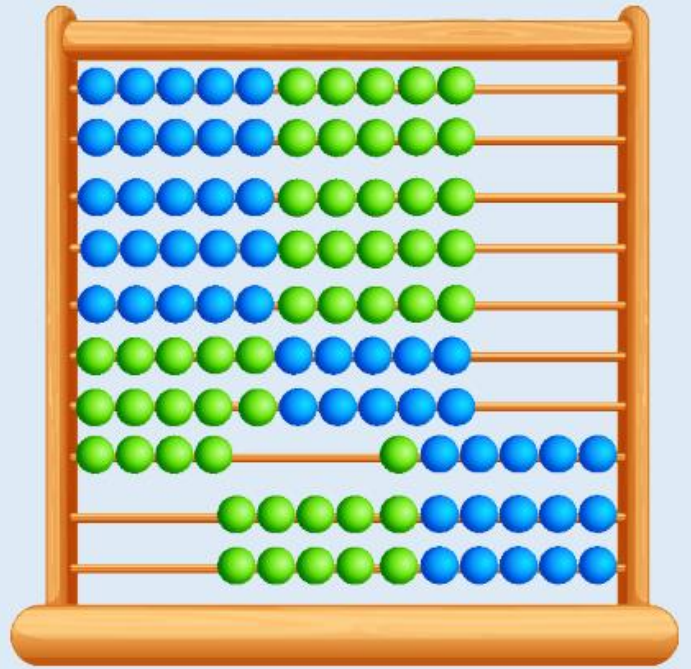


Here is a rekenrek with 100 beads.
Each bead is 1 hundredth of the whole.

___ hundredths are on the left.

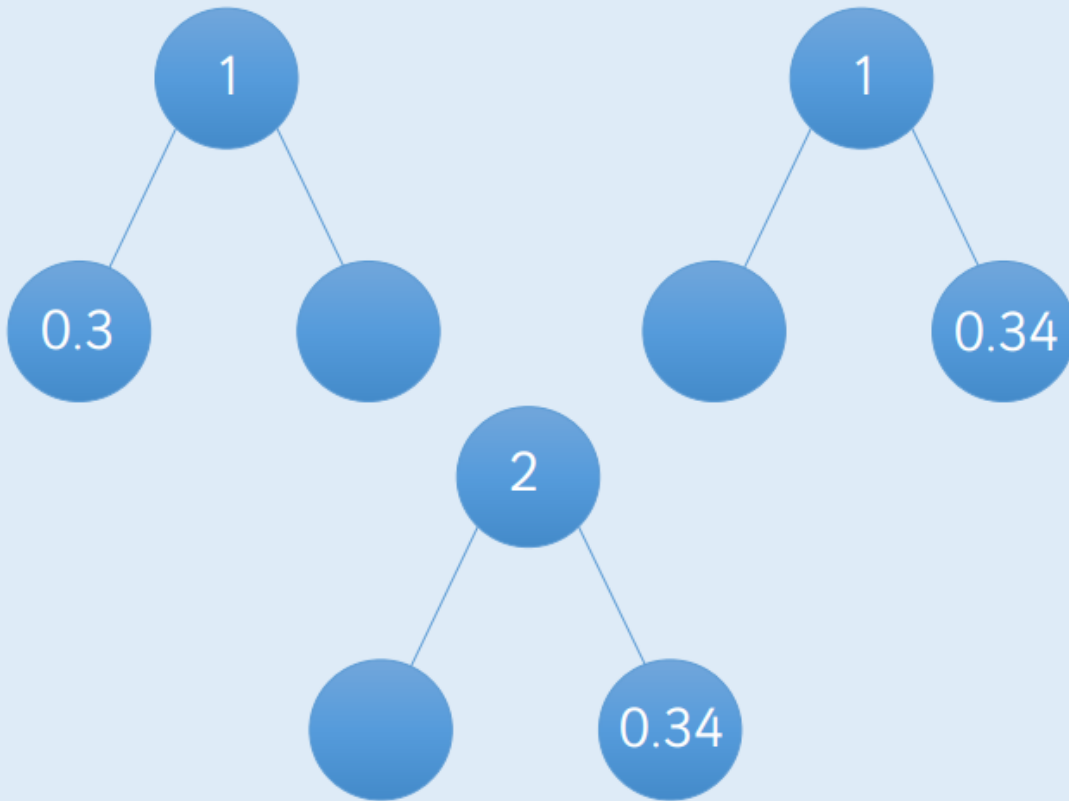
___ hundredths are on the right.

$$0. \text{ ___ } + 0. \text{ ___ } = 1$$

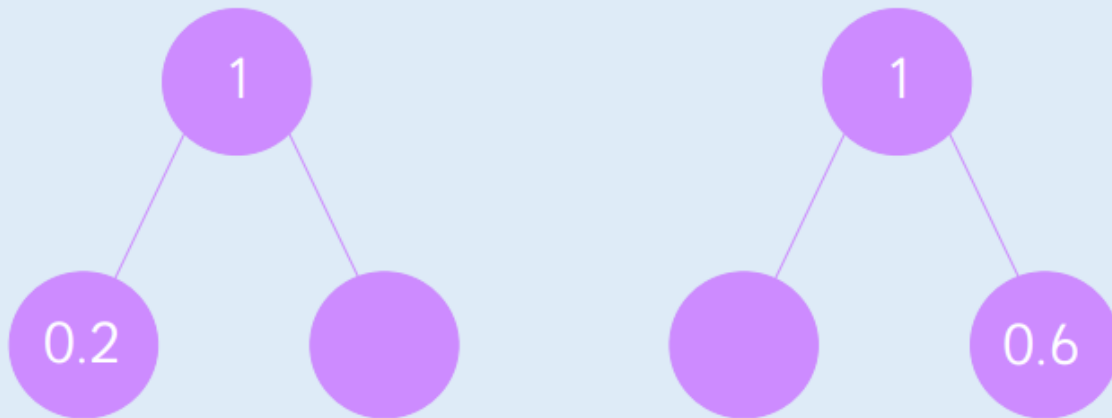




Complete the part-whole models.



Complete the part-whole models.





What number is represented on the place value grid?

Ones	Tenths	Hundredths
0	1	3

There are ___ ones, ___ tenths and ___ hundredths.

The number is _____.

What number is represented on the place value grid?

Ones	Tenths	Hundredths

There are ___ ones, ___ tenths and ___ hundredths.

The number is _____.



Make the numbers on a place value chart and write down the value of the underlined digit.

3.47

2.15

0.6

25.03

Annie thinks the number shown is 2.2. Do you agree with Annie? Explain your answer.

Ones	Tenths	Hundredths
		



Match each description to the correct number.

46.2 2.64 46.02 40.46

My number has the same amount of tens as tenths.



Malachi

My number has one decimal place.



Zach

My number has 2 hundredths.



Leanna

My number has 6 tenths.


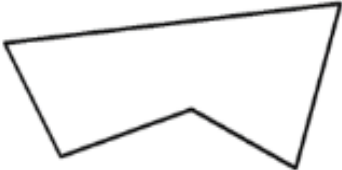



Tia



Year 4

Mental Maths

1) $42 \div 6$	
2) How much more to make £2? 	
3) $10 \times 4 = 33 + \underline{\quad}$	
4) What is the name of this shape? 	
5) $20 + 300 + 7 + 1000$	
6) 8×6	
7) Round 5638 to the nearest 100.	
8) What is $\frac{3}{7} + \frac{2}{7}$	
9) $0.3 + \underline{\quad} = 1.2$	
10) four thousand subtract four	
11) Joe is 6 years older than Molly. Molly is half the age of Luke. If Luke is 26 years old, how old is Joe?	
12) (1 gallon = 8 pints) How many pints in 5 gallons?	
13) A banana costs 24p. How much does a bunch of 4 cost?	
14) Measure this line in cm. 	
15) I have £2. I spend 68p. How much do I have left?	
16) An egg weighs about..... 7g 70g 700g 7000g?	



Science

Flower Dissection Mat



Separate your flower into its different parts, then place each part under the correct heading.

Petal	Stamen	Anther
	Stigma	Style
	Ovary	Filament



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