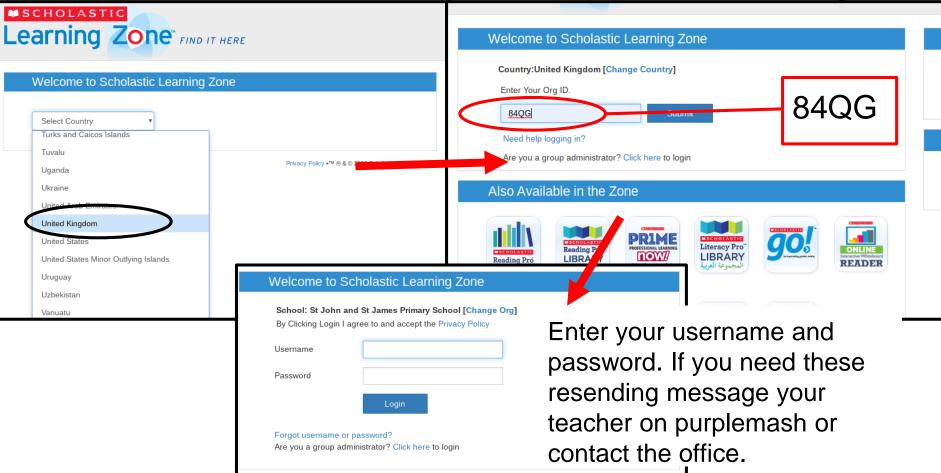


Year 4 Home Learning Pack

Feel free to take part in our online, collective worship, found at: https://www.stjohnandjames.enfield.sch.uk/collective-worship/

Instructions for scholastic login



Monday

Britain.

Complete your daily exercise activity https://www.voutube.com/watch?v=d3LPrhI0v-w

https://www.bbc.co.uk/bitesize/tags/z63tt39/year-4-and-p5-lessons

Take some time for yourself. Ask your family how they

History- Change begins with me. Today we are learning

about Olive Morris and her fight against inequality in

are. Are there any jobs you could do to help?

Practice your 8 times tables. Complete the maths exercise.

	ivioriday
Literacy 1 hour	Complete your literacy task. https://www.bbc.co.uk/bitesize/tags/z63tt39/year-4-and-p5-lessons Read for 10 minutes with an adult.

Break

Maths

1 hour

Lunch

Topic

1 hour

30 mins

30 mins

Inverted commas

When you are writing, inverted commas (speech marks) go before and after direct speech. They surround what was said by

the speaker. Example: "I'm hungry," she complained.

If another character replies, start a new

line and use another set of inverted commas.

Example:

"What's for tea?" she asked.

"Delicious ants!" her mum replied.

Each new piece of speech must start with a capital letter.

Punctuating speech

Punctuation, such as question marks, full stops and exclamation marks go inside the

inverted commas. If you name the person who is speaking before the speech, you must use a comma

before the first set of inverted commas. Example: Mr Fox exclaimed, "Let's go

for a run!" Mr Fox's children replied, "I'm so excited to be going for a run!"

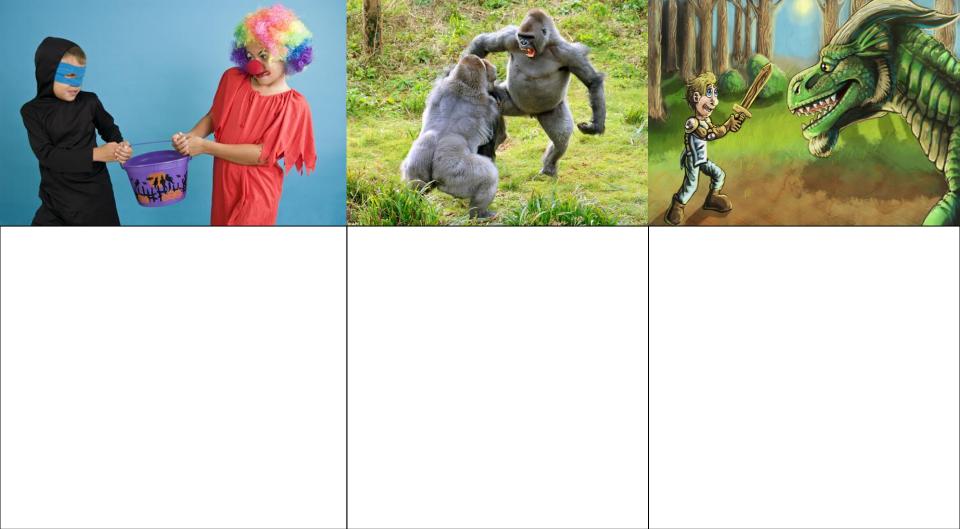
<u>Task</u>: For the following pictures, describe the scene and then write a line of dialogue (speech) for each person. Remember to use the speech punctuation rules. The first two have been done for you.

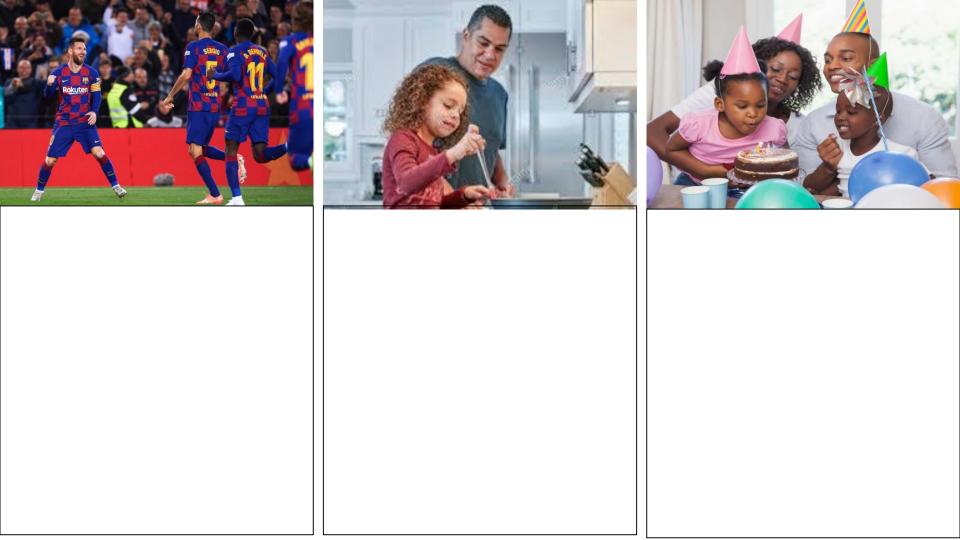


The two friends sat on a park bench, "What have you got for lunch?" asked Amy. Peanut butter sandwiches. I hate peanut butter sandwiches," sighed Zara.



seen her friends in a very long time. "I really miss all my friends and I'm worried about when I will get to go back to school!" cried Amelia. "Don't worry, your friends miss you too and school will be back to normal soon enough," said her dad.





To Replace Said

babbled chorused chuckled gasped panted stammered chatted barked bellowed cried roared screeched shouted yelled complained groaned moaned sighed snivelled wailed whined mumbled murmured muttered squeaked wheezed whimpered whispered



answered
asked
enquired
queried
questioned
replied
responded

argued
asserted
declared
insisted
retorted
snapped
exclaimed

added commented continued elaborated explained remarked suggested

			ω						2)			=	3
		Representation	Complete this table:					Representation	Complete this table:	and and	five-tenths o five-tenths	a) a) a) b) a) c) a)	the table to be a south and south many land
	1.9	Decimal			0.1			Decimal		and	9)		
16 10		Fraction		2/10				Fraction		and_	h) 2 10	4 OI	

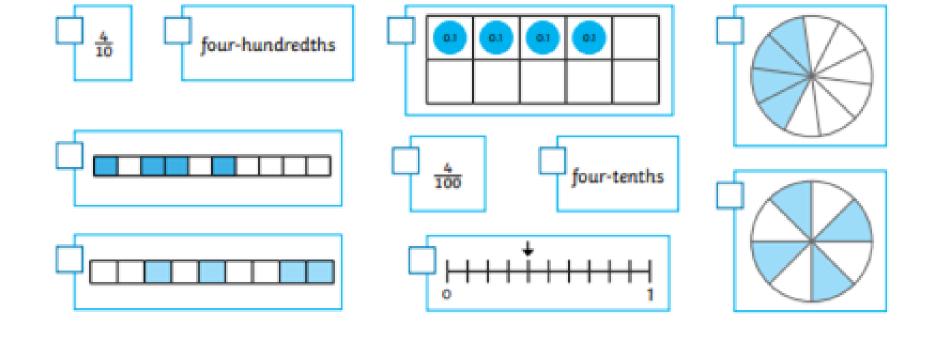
In a centimetre (cm), there are 10 millimetres (mm).

$$1 \text{mm} = \frac{1}{10} \text{ cm}$$

Use this information to complete this table:

Centimetres and Millimetres	Millimetres	Fraction	Decimal
1cm 2 mm	12mm	$1\frac{2}{10}$ cm $(\frac{12}{10})$	1.2cm
	15mm		
		5 10 cm	
			1.7cm

Which representations are equal to 0.4? Tick the correct representations:



b) How many different ways can you represent $\frac{7}{10}$?

Change Begins with Me

History Activity

Watch the video of Olive Morris

https://youtu.be/ZfcEepuEjHY. How did her fight against inequality bring about change in Britain.?

Choose one or more of the following task:

- Write a fact file about the life of Olive Morris.
- 2. Create your own video about why Olive Morris inspires you
- 3. Create a poster about ways we can fight against inequality



Tupeday

	rucsuay
Literacy 1 hour	Complete your li https://www.bbc.co.u Read for 10 min

Break

Maths

1 hour

Lunch

Topic

1 hour

30 mins

30 mins

literacy task. uk/bitesize/tags/z63tt39/year-4-and-p5-lessons nutes with an adult.

https://www.bbc.co.uk/bitesize/tags/z63tt39/year-4-and-p5-lessons

Take some time for yourself. Ask your family how they

https://www.bbc.co.uk/bitesize/tags/z63tt39/year-4-and-p5-lessons

are. Are there any jobs you could do to help?

Complete your daily exercise activity https://www.voutube.com/watch?v=d3LPrhI0v-w

Practice your 7 times tables.

Complete the maths exercise.

Geography- What is a biome?

definitions arranged in alphabetical order. Remember, if the first letters are the same, order them In an English dictionary you'll find words beginning with 'a' using the second letter. at the front and 'z' at the back. There are lots of words in ankle zephyr ant the English language which begin with 'a', so it's not just the first letter that is important. Words are organised empathy glide alphabetically according to the following letters in a word diversity too. unapologetic For example, 'ant' will come after 'ankle'. The first two questionable query letters of these words are the same, but the third letters isolate social are different. The letter 't' comes after 'k' in the alphabet,

abcdefghijklmnopqrstuvwxyz

A dictionary is a list of words or phrases and their

so you find 'ankle' before 'ant' in the dictionary.

Dictionaries

Task

Order these words

obligation

elated

alphabetically.

protest civil glide diversity unapologetic isolate

Google

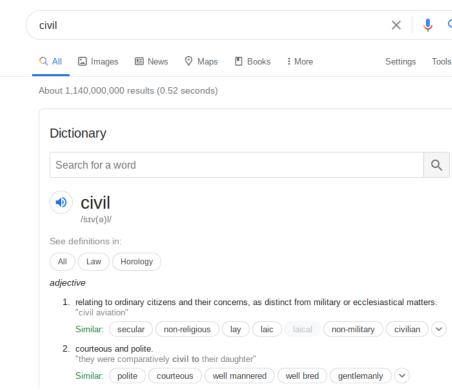
empathy questionable query social obligation

elated obligation
While we have dictionaries at school in the form of books there are also extremely effective dictionaries online. Google each of these words and write down the definition.
Which word would come first in the

dictionary?
When you find the definition you could write them down in a book and start

your own dictionary.

Add words that you read and you need to look up, this way you build your vocabulary.



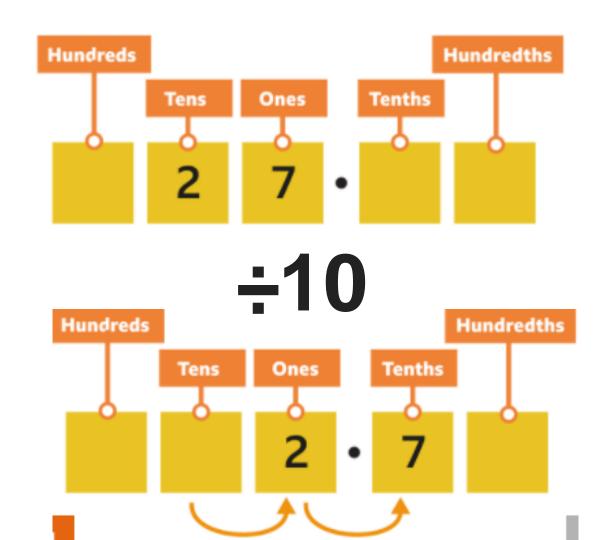
Dividing by 10

To **divide** by 10, you move the digits one place to the right.

You can use place value charts to help divide by 10. This helps you to see how the digits decrease in value.

Example 1:

$$27 \div 10 = 2.7$$



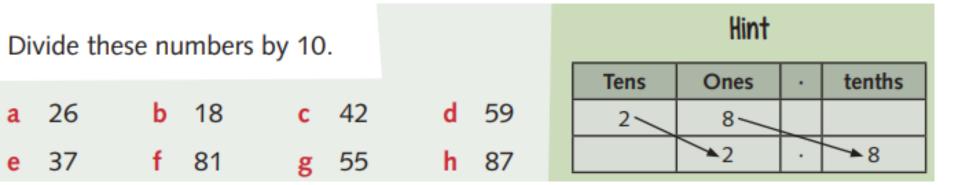
Let's take a look at another example.

$$12.3 \div 10 = 1.23$$

Even when you already have a digit after the decimal point, the digits still move one place to the right, but the decimal point never moves.

н	т	0	Tths	Hths
	1	2 0	3 2	3



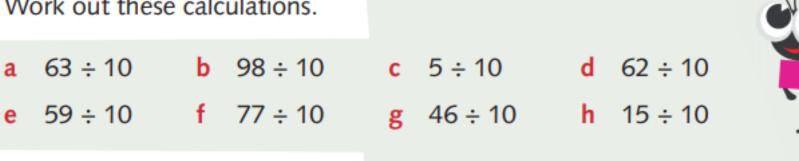


Work out these calculations.

2 Apply the rule for dividing by 10 to these 3-digit numbers.

a	145	b	186
С	256	d	374

598 601

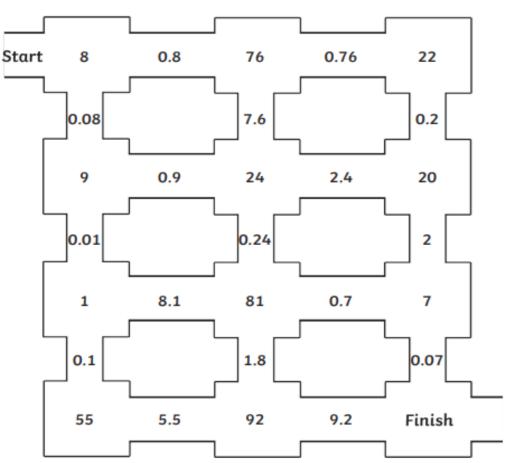


Hint					
Hundreds	Tens	Ones	•	tenths	
2	6 🔍	3			
	~2	6	•	→ 3	

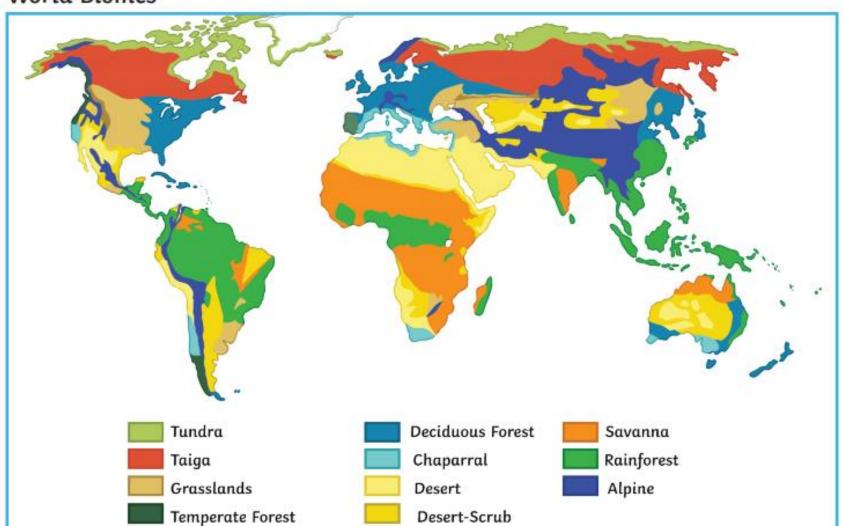
3 Complete this sentence: When a 3-digit number is divided by 10 ...

Find your way through the maze by dividing the numbers by 10 to find out which way to go next.

Use a place value grid to help you to work out the answers and record the calculations you do for each step.



World Biomes



Tundra	Write a description of these four biomes and say where in the world you would find them.
Savannah	After you have done this select one more biome from the map and research this
Desert	biome. When you have finished write a postcard from a place in the world where
Rainforest	you find this biome.

Websanball

	VVCGII	Coddy
Literacy 1 hour		Complete your literacy tas https://www.bbc.co.uk/bitesize/ta Read for 10 minutes with

Break

Maths

1 hour

Lunch

Topic 1 hour

30 mins

30 mins

are. Are there any jobs you could do to help?

Practice your 6 times tables. Complete the maths exercise. https://www.bbc.co.uk/bitesize/tags/z63tt39/year-4-and-p5-lessons Take some time for yourself. Ask your family how they

Science- Learn all about renewable energy and create

https://www.bbc.co.uk/bitesize/tags/z63tt39/vear-4-and-p5-lessons

a poster demonstrating its benefits.

ask. tags/z63tt39/year-4-and-p5-lessons n an adult. Complete your daily exercise activity https://www.voutube.com/watch?v=d3LPrhI0v-w

Thesaurus

Sometimes you might want to find a different way of saying something. A thesaurus can help you with this.

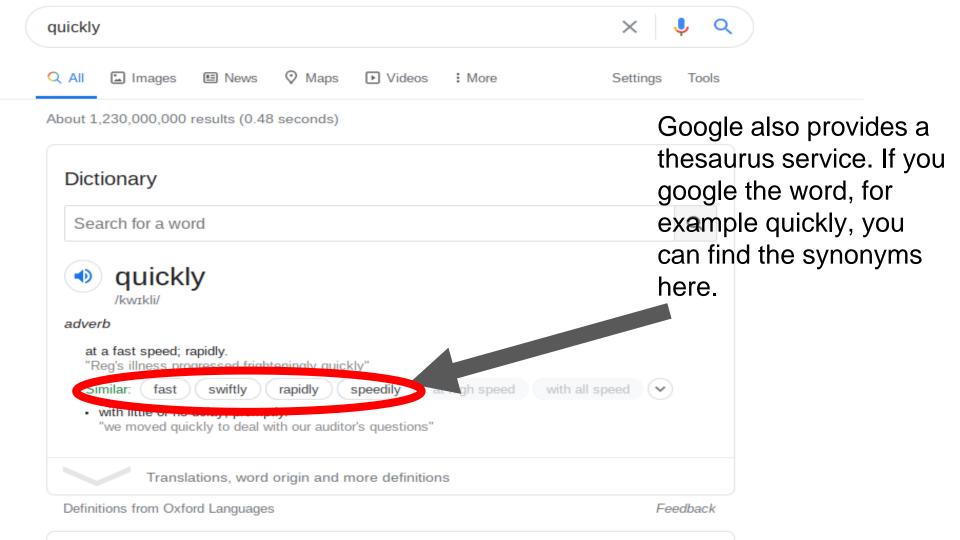
If you look up a word in a thesaurus it will show you a list of synonyms. These are other words that mean the same thing or something similar.

One of these synonyms might be a better way of saying what you want and you could use it instead.

Watch this video on BBC bitesize:
https://www.bbc.co.uk/bitesize/articles/zh2x
hbk

Alternately look at the pictures below:





Write the sentences down, adding an adjective from the list into the missing gap so the sentence makes sense.

- 1. The lambs run
- 2. The bird found the hole for a nest.
- 3. Some birds are and steal twigs from other birds' nests.
- 4. The birds keep the eggsusing the heat from their tummies.5. Eider duck mums do not eat for four
- 5. Eider duck mums do not eat for four weeks to keep their eggs safe and are
- 6. Baby Blue Tits eating caterpillars.

perfect quickly nasty warm tired enjoy Now use a thesaurus for each word to find a synonym. Can you find more than one?

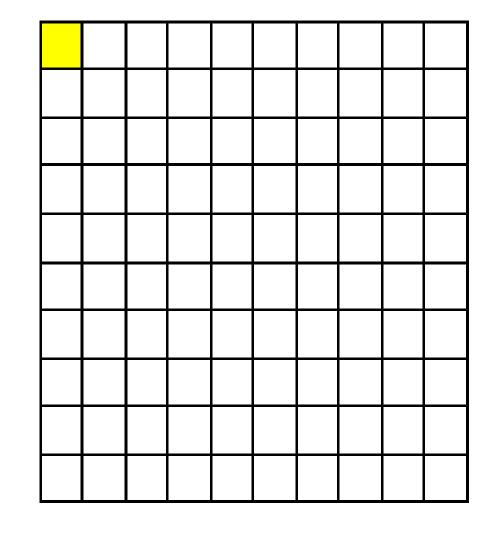
Can you add the new words to your dictionary from the previous lesson?

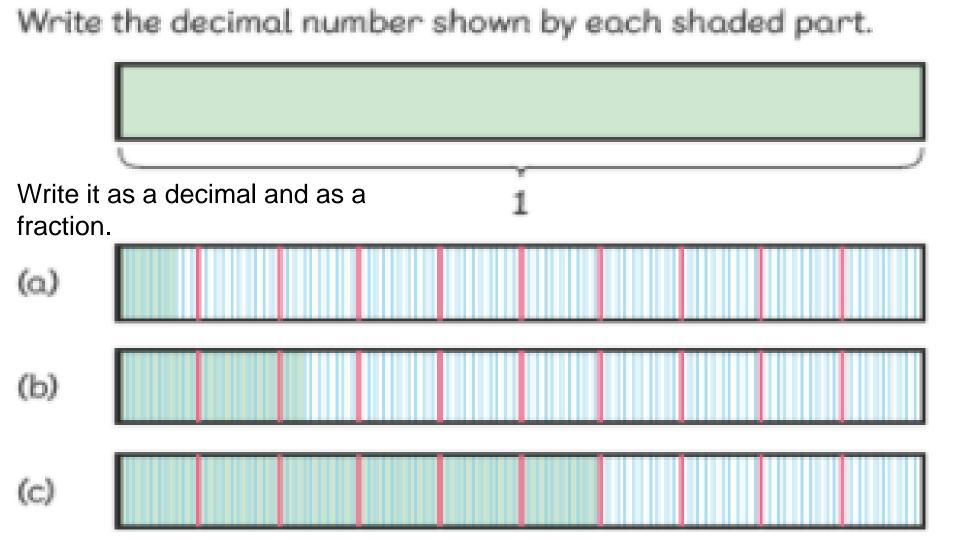
What happens when you split one whole into 100 equal parts?

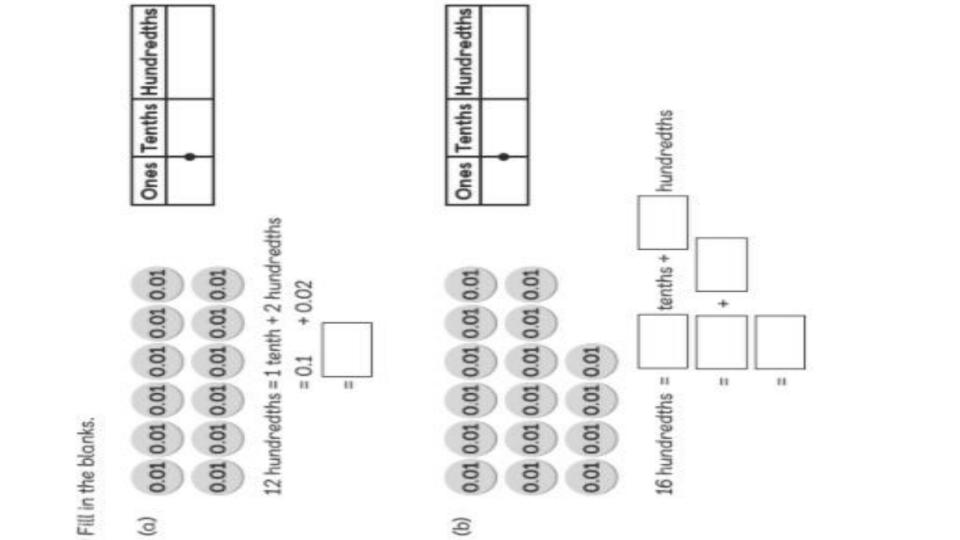
Each equal part is a fraction called a **hundredth**, you can also write this as a decimal: **0.01**.

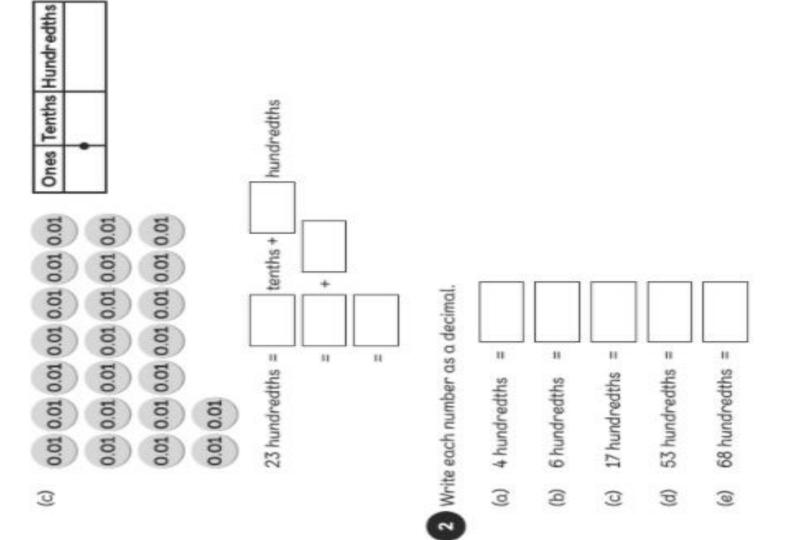
Or as a fraction: <u>1</u> 100

On a hundred square it looks like this:









Task 1

Cut out and organise the statements about renewable

energy into 'advantages' and 'disadvantages'.

Task 2

Using your dictionary skills, search for the definition of any word you are not sure of and add it to your dictionary

Task 3
Select on of the

renewable energy sources and create a poster using the information from BBC

bitesize, or using your own research.

Renewable energy sources will not run out.	Wind turbines can only be used if the weather conditions are suitable.
Solar panels are cheap to maintain.	Renewable energy sources are clean to use as there are fewer greenhouse gas emissions.
Hydroelectric systems can harm environments and wildlife.	The technology required is often expensive to purchase.
Unused energy produced by households can be sold back to the main national grid.	Usually, the energy is produced at a slower rate than when using fossil fuels.
Wind turbines can be very noisy.	Due to use of a stable source of energy, the cost of renewable fuels does not change much.
Renewable energy technologies could produce many jobs in the future.	Renewable energy technologies can be used on small or large scales - e.g. one house or an entire wind farm.
Not all places in the world can make use of renewable energy sources.	A lot of land is required to set up large scale systems to make enough electricity.

Wind Energy

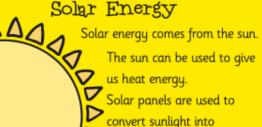
Wind turbines are used to convert wind energy to

electricity.

around and this movement is converted into electricity.

The wind blows the blades

A group of wind turbines is called a wind farm.



electricity.

Geothermal Energy

It is always very warm underground, even if it is very cold on the surface.

We can collect heat from underground and use it to heat our houses.

The lava from volances shows us how hot it is underground.

Biomass Energy

Biomass means 'natural material'. Energy can be obtained by burning natural waste materials such as scrap pieces of wood or dead trees and unused parts of crops.

You can even burn the gas produced by cow manure to make energy.

Hydro Energy

Hydro energy is energy that comes from moving water.

Water that flows down fast - flowing rivers is used to spin turbines that generate electricity.

The movement of big waves at sea can also be used to generate electricity.

Thursday

Complete your daily exercise activity https://www.voutube.com/watch?v=d3LPrhI0v-w

https://www.bbc.co.uk/bitesize/tags/z63tt39/year-4-and-p5-lessons

Take some time for yourself. Ask your family how they

RE- Learn about The Bible and the creation and the fall.

are. Are there any jobs you could do to help?

Practice your 12 times tables.

Complete the maths exercise.

	rrarsaay
Literacy 1 hour	Complete your literacy task. https://www.bbc.co.uk/bitesize/tags/z63tt39/year-4-and-p5-lessons Read for 10 minutes with an adult.

Break

Maths

1 hour

Lunch

Topic 1 hour

30 mins

30 mins

Synonyms are words with the same or similar meaning:

- Words such as happy, cheerful and merry.
- Words such as sad, miserable and heartbroken.

Antonyms are words with opposite meanings:

- Words such as angry and peaceful.
- Words such as funny and serious.

You can use a **thesaurus** to find synonyms and antonyms for words.



arge

Kind

antasti

amble

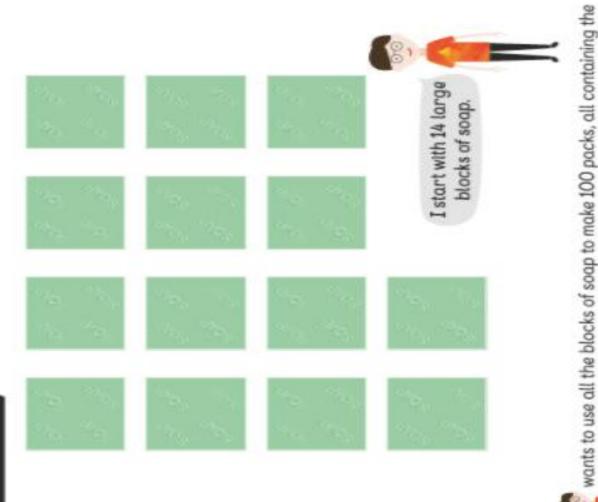
super

-

	Vrite the antonym to each word shown. Use each word in the ox only once.						
C	old	under	noisy	co	rrect	after	far
a)	quiet			b)	over		
c)	near			d)	before		
e)	wrong			f)	hot		
	ad each derlined		and write t	the a	ntonym o	f each wo	ord
1)	They v	vashed in	<u>clean</u> wate	r.			
o)	They c	ould hear	a <u>loud</u> nois	se in t	the house	<u> </u>	
c)	The te	st was ve	ry <u>difficult</u> .				

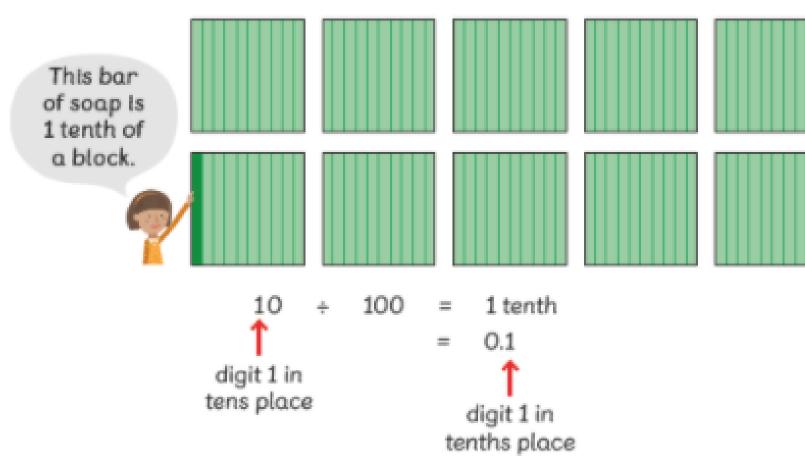
Replace the v with a synon each sentenc	Replace the words underlined in these sentences with a synonym from the words below so that each sentence makes sense.	sentences / so that
alike	man close	wrong
a) The scho	The school day was <u>finished</u> .	
b) The youn	The young chap looked smart in his suit.	is suit.
c) Most of t	Most of the answers were incorrect	+1
d) They all l	They all looked similar in their school uniform.	ool uniform.
e) The shop	The shop was very near to their house.	use.
Complete the word. The fir	Complete the table to show the synonym and antonym for each word. The first line has been done for you.	ym and antonym for ead you.
Word	Synonym	Antonym
pretty	beautiful	ugly
rich		
young		
expensive		
stop		
	•	

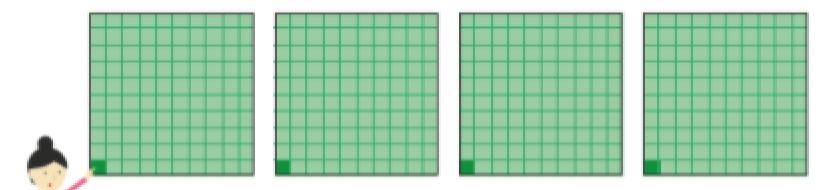
In Focus



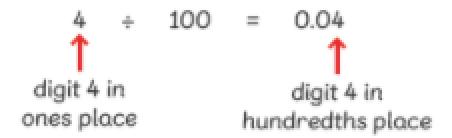
same amount of soap. How much soap is there in each pack?

Ø how do you think you could use dividing whole numbers by 10, place value chart to divide by Using what you know about 100?

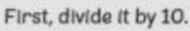




This piece of soap is 1 hundredth of a block of soap.







Then, start again and divide it by 100.

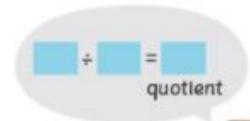




What do you notice about the quotient in each case?

Divide.

- (a) 7 ÷ 10
- (b) 7 ÷ 100
- (c) 59 ÷ 10
- (d) 59 ÷ 100





Is it easy to divide whole numbers by 10 or by 100? Why?

Can you think of a story to accompany the calculation 95÷100?

Ш

108

40

89

Watch these two videos on YouTube:

https://www.youtube.com/watch?v=cZrwd7DgStA

The Gospel Project for Kids: "God Created the

World"

https://www.youtube.com/watch?v=D7LZnMHYrmY

The Gospel Project for Kids: Sin Entered the World



SIN ENTERED THE WORLD

- 1. What do you know about the story in the Bible that talks about God creating the world? Who are the main characters?
- 2. Why do you think God said 'it is very good' when he made humans?
- he made humans?

 3. What do Christians believe God asked them to
- 4. What was the world like when it was first made?Begin your answer with 'Christians believe'.5. Have you ever done anything wrong?

do? Begin your answer with 'Christians believe'.

- 6. Why do you think people make bad choices and hurt people?
- 7. How do you think sin has affected the world?

Friday

	inady
Literacy	Complete young https://www.bb
1 hour	Read for 10

Break

Maths

1 hour

Lunch

Topic

1 hour

30 mins

30 mins

our literacy task. oc.co.uk/bitesize/tags/z63tt39/year-4-and-p5-lessons 0 minutes with an adult.

> Complete your daily exercise activity https://www.voutube.com/watch?v=d3LPrhI0v-w

https://www.bbc.co.uk/bitesize/tags/z63tt39/year-4-and-p5-lessons

Take some time for yourself. Ask your family how they

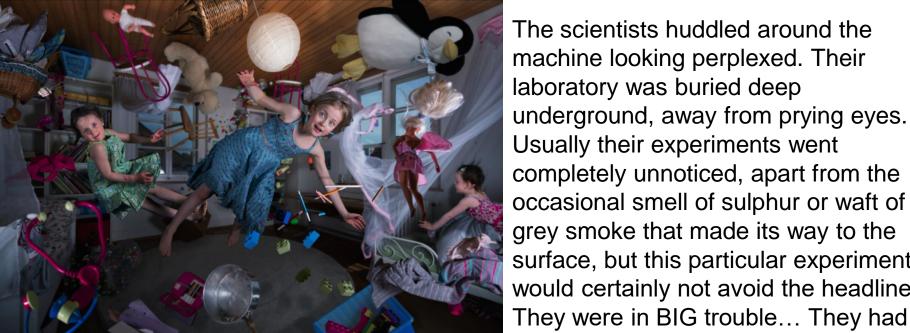
https://www.bbc.co.uk/bitesize/tags/z63tt39/vear-4-and-p5-lessons

are. Are there any jobs you could do to help?

Art-Create art in the style of Andy Warhol

Practice your 9 times tables.

Complete the maths exercise.



- Why might they be in 'BIG' trouble this time?
- What is happening in the picture?
- Describe the scene if someone turned off gravity in your room.

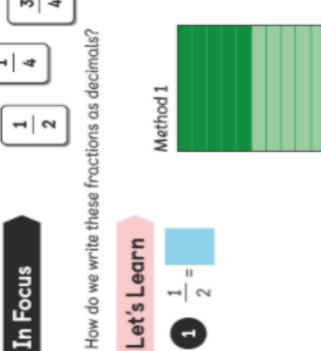
The scientists huddled around the machine looking perplexed. Their laboratory was buried deep underground, away from prying eyes. Usually their experiments went completely unnoticed, apart from the occasional smell of sulphur or waft of grey smoke that made its way to the surface, but this particular experiment would certainly not avoid the headlines...

- completely turned off gravity!

 1. What does the word 'perplexed' mean?
- 2. Why are the scientists huddling around a machine?
- 3. Why is their laboratory underground?
- 4 What do they do in their laboratory?

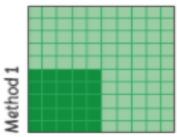
In Focus

Let's Learn



Method 2

$$\frac{1}{2} = 5 \text{ tenths}$$
$$= 0.5$$



$$\frac{1}{4}$$
 = 25 hundredths

$$\frac{1}{2} = \frac{5}{10} = 0.5$$

Method 2

$$\begin{array}{c} \times 25 \\ 4 \\ 100 \\ \times 25 \\ 4 \\ 100 \\ = 0.25 \end{array}$$

= 0.25

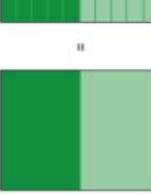


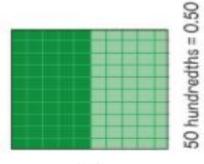
$$\frac{3}{4} = 75 \text{ hundredths}$$
$$= 0.75$$

Method 2

$$\frac{3}{4} = \frac{75}{100}$$
$$= 0.75$$

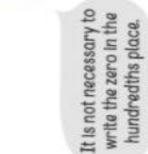
$$\frac{1}{2}$$
 = tenths = hundredths





1 half

5 tenths = 0.5







 $\frac{1}{2}$ can be written as tenths.

$$\frac{1}{2} = \frac{1}{10} = \frac{\text{tenths}}{2}$$
Nother fraction that can be written as

Suggest another fraction that can be written as tenths.

$$\frac{1}{4}$$
 and $\frac{3}{4}$ can be written as hundredths.

hundredths

hundredths

Ш

100

Suggest another fraction that can be written as hundredths.

Write each quantity in decimals.

(b)
$$8\frac{1}{2}$$
 kg

9



(a)
$$\frac{3}{10} = 3$$
 tenths =

0.3

(b)
$$\frac{9}{10} = \frac{10}{10}$$

(c)
$$\frac{7}{100}$$
 = hundredths =

(d)
$$\frac{23}{100}$$
 = hundredths =

(a)
$$\frac{1}{2} = \frac{1}{10} = \frac{1}{10}$$

Fill in the blanks

N

(b)
$$\frac{4}{5} = \frac{10}{10} = \frac{10}{10}$$

(c)
$$\frac{1}{4} = \frac{100}{100} = \frac{1}{100}$$

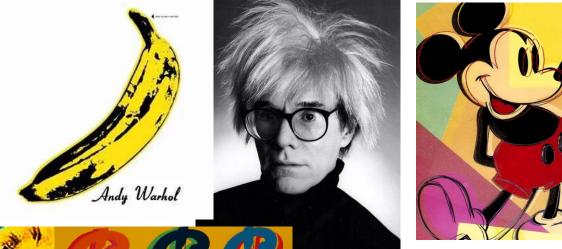
(d)
$$\frac{3}{25} = \frac{3}{100} = \frac{3}{100}$$
 hundredths =

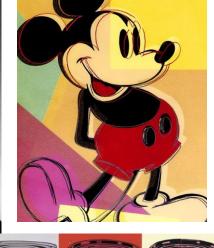
(e)
$$\frac{11}{20} = \frac{100}{100} = \frac{100}{100}$$

(f)
$$\frac{1}{50} = \frac{1}{100} = \frac{1}{100}$$
 hundredths =

Visit this website to learn how make art like Andy Warhol

https://www.tate.org.uk/kids/make/paintdraw/make-pop-art-warhol





















TOMATO





