Important Information

"Oak National Academy is a new collection of high-quality lessons and online resources. Backed by the Government, it has been created in response to the coronavirus lockdown.

Their online classroom offers free access to great teachers, delivering video lessons, quizzes and worksheets. Available for both primary and secondary levels, it covers a range of subjects. All of the lessons are ordered so your child can learn along a clear plan. They'll provide new lessons and resources each week.

Oak National Academy will fit alongside other resources such as BBC Bitesize to offer a structure for the day for children until schools fully reopen.

Oak National Academy was built at speed; at present their resources are for pupils who usually access their schools' curriculum in mainstream education, from reception through to year 10, without significant support or adaptation. They're currently working on providing support for teachers working with pupils with additional needs, and teachers based in specialist settings. Next week they hope to launch materials for pupils not able to access all aspects of their current offer." Information taken from the Oak National Academy website (https://www.thenational.academy/information-for-parents-pupils/)

The Oak National Academy lessons can be accessed here: https://www.thenational.academy/online-classroom

As you are aware, at Victoria Dock Primary School we provide a home learning pack every week which is created by our class teachers. Although we have these plans already in place, we understand that some families may prefer to work from the materials made available through the Oak National Academy. This is absolutely fine, and we are thrilled to see so many children learning at home and taking the opportunity to also do all kinds of things at home which are not usually taught in the classroom.

Feel free to continue to use our home learning grids (like the one below) or the lessons provided by the Oak National Academy. Either way, we would love you to keep in touch and show us the wonderful things you are doing at home, using Seesaw, Classdojo or Twitter.

Stay safe and we look forward to returning to school to see everyone's smiling faces.

Home Learning Grid
Year 6
Week Commencing – 18.05.20
Work to be completed in home learning books

	Monday	Tuesday	Wednesday	Thursday	Friday
Spelling/ Fast Maths	**Fast Maths** Go to kahoot.it and use code **01869885**	**Spelling** Go to kahoot.it and use code **09122603**	**Fast Maths** Go to kahoot.it and use code **05217692**	**Spelling** Go to kahoot.it and use code **09836317**	**Fast Maths** Go to kahoot.it and use code **02714125**
Reading	**First News** See the First News article below and have a go at the questions.	**Crater Lake** Enjoy reading chapter 14 of Crater Lake. Let me know what you think of it so far in a picture.	**Crater Lake** Take a look at the rest of the chapter titles and complete the prediction task below.	**Crater Lake** Read to the end of chapter 15 and complete the summary task below.	**First News** See the First News article below and have a go at the puzzle.
Writing	**Letter to Mr Hague** Use the examples here, and your fab work last week, to write a letter to Mr Hague. Although most of you are returning to school on June 1st, Mr Hague will still be working from home for a while longer. What would you like to tell him? Ask him? Tell him all about what you've been doing, what you've looking forward to etc.				**100 Word Challenge** See below for the 100 Word Challenge for this week.
Maths	**Decimals** Complete the 'Multiply by 10, 100 and 1,000' task below. Click here for video tutorials and answers (no cheating).	**Decimals** Complete the 'Multiply decimals by integers' task below. Click here for video tutorials and answers (no cheating).	**Decimals** Complete the 'Divide decimals by integers' task below. Click here for video tutorials and answers (no cheating).	**Decimals** Complete the 'Decimals as fractions' task below. Click here for video tutorials and answers (no cheating).	**Friday Challenge** Go here and look for the Friday challenge to really test your understanding of this week's maths.
Challenge	**Writing** Take a look here for some ace sentence stacking lessons for you to do some creative writing.	**Art** Join in Rob Biddulph's live art workshop and competition at 10AM here.	**Times Tables Rock Stars** Can you set a new high score on Timetable Rockstars here	**Podcast** Follow the instructions later on in this pack to be included in the next podcast episode.	**Mangahigh** Can you get some new gold medals on Mangahigh here?

Reading (Monday)

BIG NEWS

VE DAY CELEBRATING IN LOCKDOWN

The Red Arrows flew over London on Friday 8 May

FRIDAY 8 May marked 75 years since VE Day, the end of World War Two in Europe.

Plans for street parties, parades and concerts had to be put on hold because of the coronavirus, but it was still possible to celebrate in lockdown.

What is VE Day?

VE Day – Victory in Europe Day – 8 May 1945 was the day the Allied forces announced the surrender of Germany, which ended the Second World War in Europe. The big four Allied powers were Britain, the USA, France and the Soviet Union (Russia).

Celebrations began straight away throughout Britain, with more than one million people partying in the streets. King George VI appeared on the Buckingham Palace balcony with Prime Minister Winston Churchill. Princess Elizabeth (now the UK's Queen), her mum Queen Elizabeth and her sister Princess Margaret joined them.

VE Day is recognised every year with street parties and community gatherings, and commemorates the millions of civilians and millions in the armed forces who lost their lives in battle.

In 2015, you might remember the 70th anniversary of VE Day was marked with three days of celebrations. The Queen joined 1,000 veterans and their families in a service of thanksgiving at Westminster Abbey.

Lockdown means things had to be different this time. The Queen delivered a special television message from Windsor Castle at 9pm – at the moment that her father, King George VI, gave a radio address back in 1945.

Although social distancing means gatherings and parties were cancelled, there were still other ways to mark the day during lockdown.

A two-minute silence took place at 11am. Then, at 3pm, there was The Nation's Toast to the Heroes of WW2, with people across the UK standing up and raising a glass of their favourite drink while saying the following toast: "To those who gave so much, we thank you." The Red Arrows and the Battle of Britain Memorial Flight performed a flypast over Buckingham Palace in London.

Many people decorated their homes in red, white and blue, and held 'stay-at-home street parties'. Neighbours hung bunting over their homes, had picnics in their back or front gardens, while remembering social distancing and keeping at least 2m apart from others.

Jubilant public, 1945

VE DAY STAMP SURPRISE

A 90-year-old woman was shocked to see herself on a stamp celebrating 75 years since the end of World War Two! The stamps all feature old photos from 1945 – the year the war ended in Europe. Bette Williamson can be seen on the VE Day stamp, on the right, behind the US flag. She was just 14 at the time. Describing the historic day, Bette told the BBC: "The atmosphere was electric, you kissed and hugged everyone, it was wonderful. We're in a similar war spirit now, everyone coming together to help one another. It's lovely to see."

Look Closer — FirstNews • Issue 725 • 8 – 14 May 2020

GLOSSARY		
	toast – To raise a glass of your favourite drink for a given cause	radio address – To give a speech on the radio
	atmosphere – The feeling or mood of a place or situation	bunting – A decoration used at parties and celebrations made from triangles

VE DAY CELEBRATIONS

1. Explain what VE Day is. Why is it celebrated?

2. How was VE Day celebrated in 1945? Give two examples.

3. The Queen delivered a television message at 9pm on 8 May 2020. How was the delivery of King George VI's speech different?

4. How do you think the people would have felt on VE Day in 1945? Explain why you think this.

5. What events took place to celebrate VE Day this year (2020)? Give three examples.

6. How do you think the 75th VE Day celebrations would have been different if we were not in lockdown?

7. Did you celebrate VE Day? If you did, what did you enjoy most? How did it make you feel and why? If you didn't, what would have been a good way to celebrate it?

8. Who is Bette Williamson? Explain why she is pictured on the stamp.

9. Why do you think Bette said "we're in a similar war spirit now"?

10. Do you think it is important to celebrate VE Day? Explain why/why not.

Reading (Wednesday)

Take a look at these chapter titles which are from chapter 15 onwards:

Chapter 15: Confession Time
Chapter 16: Back in the Hive
Chapter 17: Stuff Gets Bad
Chapter 18: At Last
Chapter 19: A Chance to Escape
Chapter 20: The New Chets
Chapter 21: The Ticking Clock
Chapter 22: Facing the Future

What do you predict is going to happen for the rest of the book? Think carefully about Lance (the main character) but also Chets, Mak, Adrianne, Katja, and other characters like Hoche and Digger. Will they get to leave? Will it be left open for a sequel?

Let me know what you think based on these chapter titles.

Reading (Thursday)

Now we've reached a critical part of the book where a lot of things become clearer to us about what is going on and what as happened in the past, this would be a really good time to write a blurb. You know enough about the plot and characters to write an effective blurb, selling the book to readers but without being able to give too much away #spoileralert!

Look at the blurb on your copy of the book and try to make your own. I'd like to send some of these to Jennifer Killick and arrange a possible video call with you all back at school – fingers crossed.

This story is from page 10 of *First News*. Read the story, and then try the puzzle. To help you, we have underlined the answers to the crossword puzzle clues in the story – but you will need to match the correct word with each clue!

ANIMAL NEWS

CORAL BREAKTHROUGH

A ridged cactus coral (left) and its larvae (below)

THE Florida Aquarium has made history by becoming the first to reproduce ridged cactus coral in captivity.

Video and photographs of the ridged cactus coral larvae – and the moment they are spawned (released into the water) – have been captured for the first time ever. The aquarium has now successfully reproduced eight species of coral.

"These advances give us hope that the round-the-clock work we are doing will make a difference to help conserve this species and save these animals from extinction," said Florida Aquarium senior coral scientist Keri O'Neil.

The work is part of a collaboration between the Florida Fish and Wildlife Conservation Commission and the National Oceanic and Atmospheric Administration's National Marine Fisheries Service, which aims to save the Florida Reef Tract from extinction. The Florida Reef Tract spreads across 270km, but is under threat, just like many coral reefs around the world.

ACROSS

2) Create another living thing of the same kind (verb 9)

5) A building in which fish, underwater animals and water plants are exhibited for visitors to see (noun 8)

6) Animals not in their natural habitat that are instead looked after by people (noun 9)

7) Having a bumpy surface, often made of indents and raised sections (adjective 6)

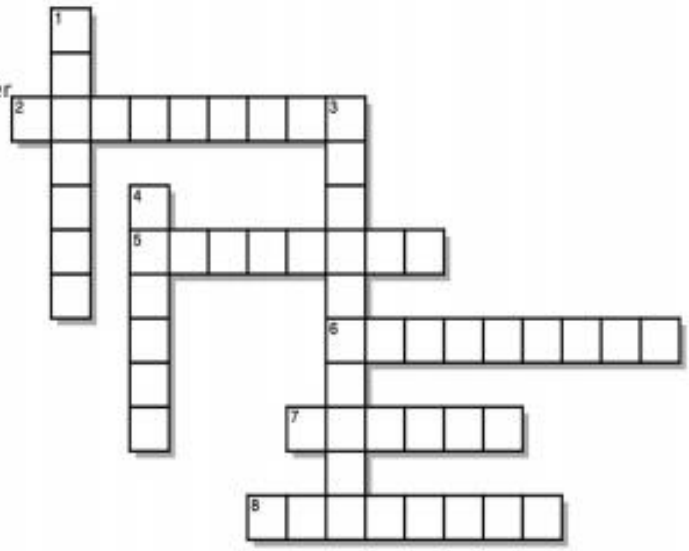
8) Protect (verb 8)

DOWN

1) A group of similar living things able to produce offspring with one another (noun 7)

3) Dying out; disappearing forever (verb 10)

4) The offspring of animals that take a very different form when young, eg, tadpoles (plural noun 6)



Writing (Friday)

Welcome to our final 100 Word Challenge from home. You can write whatever you want, inspired by the picture below. You must write no more than 100 words so treat every word like it is gold. Upload whatever writing you do, either a photo or submitted as a Seesaw note, and a winner will be chosen at the end of the school day on Friday. You could write a description, a story, a newspaper article (or part of) or anything you would like at all. Have fun.

Maths (Monday)

Multiply by 10, 100 and 1,000

1 Complete the calculations and sentences.

Use place value counters to help you.

Th	H	T	O	Tth	Hth
			●●	●● ●	

a) 2.3 × 10 = ☐

When the number is multiplied by 10 the counters move ☐ place to the left.

b) 2.3 × 100 = ☐

When the number is multiplied by 100 the counters move ☐ places to the left.

c) 2.3 × 1,000 = ☐

When the number is multiplied by 1,000 the counters move ☐ places to the left.

2 Complete the diagram.

3 **a)** Draw counters on the place value charts to represent each calculation.

4.4 × 1

Th	H	T	O	Tth	Hth

4.4 × 10

Th	H	T	O	Tth	Hth

4.4 × 100

Th	H	T	O	Tth	Hth

4.4 × 1,000

Th	H	T	O	Tth	Hth

b) Complete the calculations.

4.4 × 1 = ☐

4.4 × 10 = ☐

4.4 × 100 = ☐

4.4 × 1,000 = ☐

What do you notice?

4 Complete the calculations.

a) 13.44 × 10 = ☐

b) 41.4 × 100 = ☐

c) 0.415 × 1,000 = ☐

d) 4.4 × ☐ = 4,400

e) ☐ = 1.03 × 100

f) 30.44 = ☐ × 10

5 Complete the diagrams.

7.039 → (× 10) → ☐ → (× 10) → ☐ → (× 10) → ☐

7.039 → (× 100) → ☐ → (× 10) → ☐

7.039 → (× 1,000) → ☐

What do you notice? Why does this happen?

6 Write >, < or = to compare the number sentences.

1.4 × 10 × 10 × 10 ◯ 1.4 × 1,000

1.4 × 10 × 100 ◯ 1.4 × 1,000

1.4 × 10 × 10 ◯ 1.4 × 1,000

1.4 × 10 × 2 ◯ 1.4 × 100

7 Kim is calculating 14.3 × 200

She writes this as her answer.

$$14.3 \times 200 = 28.600$$

Explain Kim's mistake.

8 Use the cards to complete the calculation.

You can use each card more than once.

× 1	× 10	× 100	× 1,000

0.002 ☐ ☐ ☐ = 2,000

How many ways is it possible to complete this calculation?

Talk about it with a partner.

4 Complete the calculations.

a) 16 ÷ 10 = ☐

b) 43.4 ÷ 100 = ☐

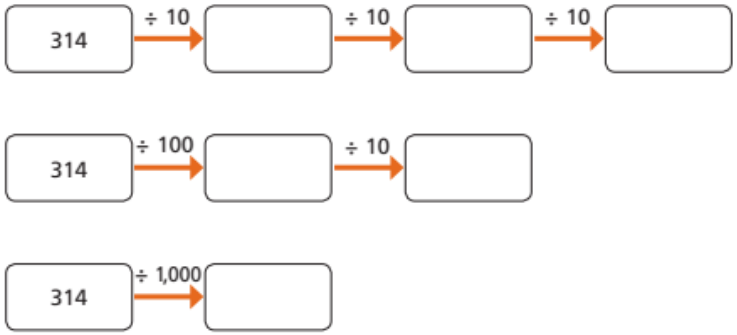
c) 614 ÷ 1,000 = ☐

d) 332 ÷ ☐ = 0.332

e) 2.4 ÷ 200 = ☐

f) 5.09 = ☐ ÷ 20

5 Complete the diagrams.



What do you notice? Why does this happen?

6 Write >, < or = to compare the number sentences.

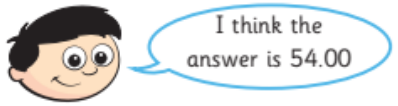
5,400 ÷ 10 ÷ 10 ÷ 10 ◯ 5,400 ÷ 1,000

60 ÷ 100 ÷ 10 ◯ 600 ÷ 100

5.7 ÷ 10 ◯ 57 ÷ 100

5,601 ÷ 1,000 ◯ 5.601 ÷ 10

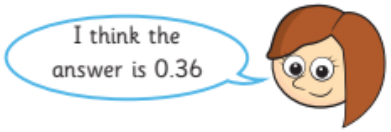
7 Dexter is solving the calculation 5,400 ÷ 100



Is Dexter correct? _____

Explain your reasoning.

8 Rosie is solving the calculation 3,600 ÷ 200



Is Rosie correct? _____

Explain your reasoning.

Maths (Tuesday)

Multiply decimals by integers

1 Use place value counters to solve the calculations.

a) 3.2 × 3 = ☐

Ones	Tenths
1 1 1	0.1 0.1
1 1 1	0.1 0.1
1 1 1	0.1 0.1

b) 4.6 × 2 = ☐

Ones	Tenths
1 1 1 1	0.1 0.1 0.1 0.1 0.1 0.1
1 1 1 1	0.1 0.1 0.1 0.1 0.1 0.1

2 Solve the multiplication. Draw your answer.

12.2 × 3 = ☐

Tens	Ones	Tenths

3 Nijah uses long multiplication to solve 3.72 × 3

		3	7	2	
	×			3	
		0	0	6	
		2	1	0	
		9	0	0	
	1	1	1	6	

Use long multiplication to work out the calculations.

a)

		4	8	6	
	×			4	

b)

		2	0	9	
	×			6	

4 Work out the multiplications.

a) 5.2 × 4 = ☐

b) 14.3 × 3 = ☐

c) 6 × 9.1 = ☐

d) ☐ = 2.34 × 3

e) 11.505 × 4 = ☐

f) 9.602 × 6 = ☐

5 0.25 kg of flour is needed to make one cake.

How much flour is needed to make four cakes?

6 Work out the multiplications.

a) 7.2 × 2 = ☐

7.2 × 4 = ☐

14.4 × 4 = ☐

7.2 × 8 = ☐

b) ☐ = 3.45 × 3

☐ = 34.5 × 3

☐ = 345 × 3

7 Amir is solving 3.4 × 4

To solve this, I did 34 × 4, which was 136 Then I multiplied my answer by 10 to get an answer of 1,360

Do you agree with Amir? _____

Explain why.

_____

_____

_____

8 Use the digits 1, 2, 3 and 4 once each to create a calculation.

1	2	3	4

☐ . ☐ ☐ × ☐

a) How many different products can you make?

b) What is the greatest possible product?

☐

c) What is the smallest possible product?

☐

d) What is the product closest to 12?

☐

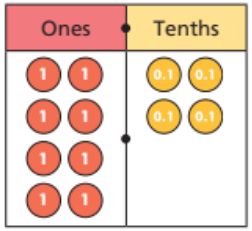
Compare answers with a partner.

Maths (Wednesday)

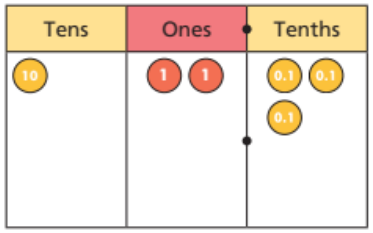
Divide decimals by integers

1 Use place value counters to work out the divisions.

a) 8.4 ÷ 4 = ☐

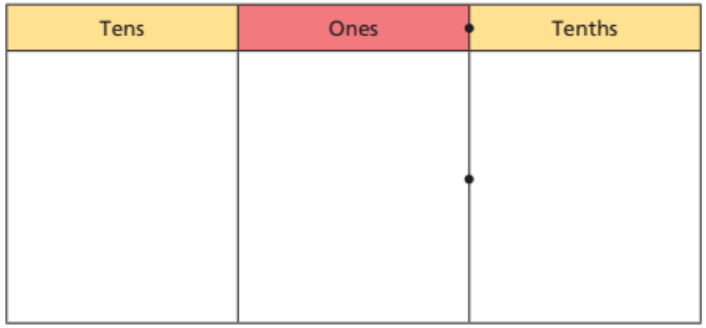


b) 12.3 ÷ 3 = ☐

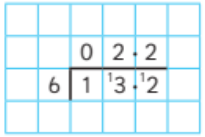


2 Work out the division. Draw your answer.

16.4 ÷ 4 = ☐

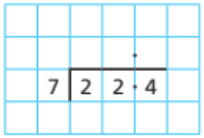


3 Brett uses short division to work out 13.2 ÷ 6

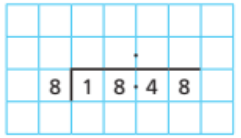


Use short division to work out the calculations.

a)



b)



4 Work out the divisions.

a) 25.6 ÷ 8 = ☐

d) ☐ = 19.45 ÷ 5

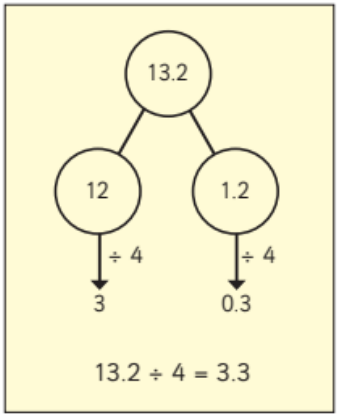
b) 14.8 ÷ 4 = ☐

e) 202.35 ÷ 3 = ☐

c) 18.48 ÷ 6 = ☐

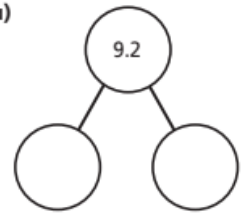
f) 105.12 ÷ 9 = ☐

5 Esther solves 13.2 ÷ 4 by partitioning 13.2 into two numbers that are easier to divide.



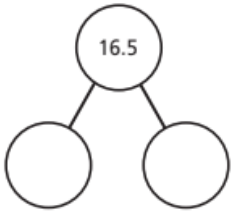
Use Esther's method to complete the part-whole model and calculation.

a)



9.2 ÷ 4 = ☐

b)



16.5 ÷ 3 = ☐

Compare answers with a partner. Did you partition your numbers in the same way?

6 Work out the divisions.

a) 9.64 ÷ 4 = ☐

96.4 ÷ 4 = ☐

0.964 ÷ 4 = ☐

9.64 ÷ 8 = ☐

b) 19.44 ÷ 9 = ☐

19.53 ÷ 9 = ☐

19.62 ÷ 9 = ☐

7 Fill in the missing numbers.

3.6 ÷ 4 = 36 ÷ ☐

3.6 ÷ 4 = ☐ ÷ 8

8 Complete the calculation.

8.4 ÷ ☐ = 4.2 ÷ ☐

How many different solutions can you find?

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

Maths (Thursday)

Decimals as fractions

1 Complete the sentences.

a)

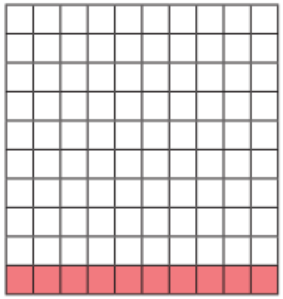
0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

The whole has been divided into ☐ equal parts.

Each part is worth ☐

This is equivalent to ☐

b)



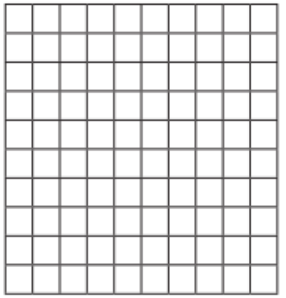
The whole has been divided into ☐ equal parts.

Each part is worth ☐

☐ parts out of ☐ are shaded.

This is equivalent to ☐

2 **a)** Shade 0.17 of the hundred square.



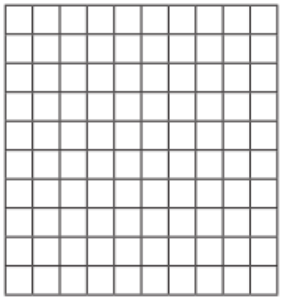
Complete the sentence.

☐ parts out of ☐ are shaded.

Write 0.17 as a fraction.

0.17 = ☐

b) Shade 0.2 of the hundred square.



Complete the sentence.

☐ parts out of ☐ are shaded.

Write 0.2 as a fraction in its simplest form.

0.2 = ☐

3

0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

0.2	0.2	0.2	0.2	0.2

Use the bar models to fill in the missing numbers.

$0.2 = \frac{\square}{10} = \frac{1}{\square}$

$0.4 = \frac{\square}{10} = \frac{2}{\square}$

$\square = \frac{\square}{10} = \frac{4}{5}$

4 Fill in the missing numbers.

a) $0.54 = \frac{\square}{100} = \frac{\square}{50}$

b) $0.6 = \frac{\square}{10} = \frac{\square}{5}$

c) $0.3 = \frac{\square}{10} = \frac{\square}{100}$

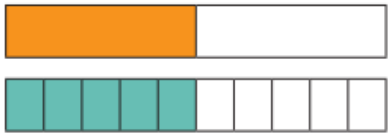
d) $\square = \frac{9}{100}$

e) $\square = \frac{9}{10}$

f) $\frac{21}{50} = \frac{\square}{100} = \square$

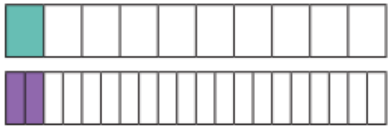
5 Use the bar models to fill in the missing numbers.

a)



$\frac{1}{2} = \frac{\square}{10} = \square$

b)



$\square = \frac{\square}{10} = \frac{\square}{20}$

6

$0.3 = \frac{3}{10}$ so $0.37 = \frac{37}{10}$

Draw a diagram to show that Ron is wrong.

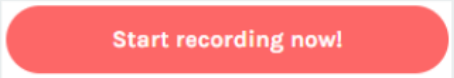
Podcast

News from school

Outline

- Introduce yourself by first name and class teacher.
- What have you been doing this week?
- Why was it so good?

Head to https://anchor.fm/vdps/message on any device and click



You can stop and start the recording too if you'd like to add a few clips together.

If it's your first time, you may be asked to make an account.

Example

Hi, I'm Hagrid and I'm in Professor Snape's class.

This week we have been painting rocks to leave around Hogwarts and I did one that looks like the world.

It was good because we were allowed to paint outside in the bright sunshine. I can't wait for people to find mine.

Other Fun Stuff

Continue to take a look at the new BBC Bitesize website which focuses on home learning opportunities. Click the top image below to take you to the daily lesson page full of things to do each day. Keep a look out for some fab video lessons we are expecting including Geography lessons by David Attenborough! Click the bottom image below to take you there and explore whatever you are interested in at your own pace.