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 – 11.05.20
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 01481280	**Spelling** Go to kahoot.it and use code 06468895	**Fast Maths** Go to kahoot.it and use code 08096802	**Spelling** Go to kahoot.it and use code 0744385	**Fast Maths** Go to kahoot.it and use code 0288841
Reading	**First News** See the First News article below and have a go at the questions.	**Crater Lake** Enjoy reading chapter 11 of Crater Lake. Let me know what you think of it so far in 3 words.	**Crater Lake** Read chapter 12 and answer the quick questions at kahoot.it and using code 05894940	**Crater Lake** Read to the end of chapter 13 and complete the inference task below.	**First News** See the First News article below and have a go at the puzzle.
Writing	**Crater Lake Letter to Chets (Heartfelt letter)** Use the examples here to write a letter from Lance's point of view, to Chets after the events of chapter 12 of Crater Lake. Chets has just stormed off into the centre without you and is upset as you have lied to him about what happened with Trent and the bathroom last year. What do you want to say? You may never see him again.				**100 Word Challenge** See below for the 100 Word Challenge for this week.
Maths	**Fractions** Complete the 'Multiply fractions by integers' task below. Click here for video tutorials and answers (no cheating).	**Fractions** Complete the 'Multiply fractions by fractions' task below. Click here for video tutorials and answers (no cheating).	**Fractions** Complete the 'Divide fractions by integers' task below. Click here for video tutorials and answers (no cheating).	**Problem Solving** Complete the 'Fractions of an amount' 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)

SPORT

"I'M IN MUM'S BAD BOOKS!"

Alfie Hewett has two Paralympic silver medals, two US Open singles titles, three US Open doubles titles, three Wimbledon doubles titles and the French Open men's singles – and he's still only 22!

WHEELCHAIR tennis star Alfie Hewett is one of the sport's most successful athletes, with several Grand Slams and two Paralympic silver medals to his name. He talked to *First News* about his career highlights, future plans, and how he's coping with the COVID-19 lockdown.

How have you been keeping active in the lockdown?

I'm trying my best to keep active. It's obviously difficult. Every athlete is managing in their own ways. I live out in the sticks in Norfolk so it's a peaceful and quiet area to go out for a push, and to do sprints on the pathways.

To be back home and not have [the gym and court] on hand means I have to be creative and imaginative with what I do. But I'm in Mum's bad books because I've turned the conservatory into a home gym!

As an athlete, what has been the most frustrating thing about the lockdown for you?

I accept the situation and there's a bigger picture out there, it's completely out of our control, everyone's in the same boat. You can still do lots of other things: I've been watching lots of matches and doing more analysis than I have before.

The physical side is restrictive and I haven't picked up a racket since the second week of March now. It's quite strange! I think the most difficult thing I've struggled with in this period is motivation. But it's quite good for us as athletes to take the strain off our bodies.

Do you have any tips for our readers about how to stay fit during this unusual time?

What I found was the turning point for me was structure: most people have structure in their day, whether it's going to school or to work. To have that taken away was [tough]. So the night before, I make a schedule for my day. Then within that, weigh up what you can and can't do, write yourself a programme. Just get it down on paper. There's lots of help on the internet, like apps for physical activity.

How did you first get into tennis?

When I was seven I was diagnosed with a hip condition called Perthes' disease. That's why I came to be in a wheelchair. Obviously to have my life change and be told I had to be in a wheelchair was a struggle. My mum and my family were big drivers behind getting me back involved with sport, so they took me to Stoke Mandeville [a hospital] where anyone with a disability could try various para-sports. Then every Wednesday evening I was on the court with a group of other disabled people. It was to help my self-esteem, get social again, be happy and be active: all those benefits that sport can bring.

You've won so much, and starting at such a young age, but what has been the stand-out moment so far?

Playing at the Rio 2016 Paralympics [above] was just unbelievable, a dream come true. To go and play as well as I did and get two medals was unexpected! To look up and see [my family] all there with the flag, it was something I'll never forget.

As for the Grand Slams, it doesn't get much better than Wimbledon. It's such an amazing place to go. The support is incredible; every time, the support has blown my mind. I love that sort of atmosphere.

Alfie and Gordon Reid winning the doubles at Wimbledon in 2018

Look Closer — FirstNews • Issue 724 • 1 – 7 May 2020

GLOSSARY		
	Paralympics – a parallel Olympic Games for athletes with disabilities, it is played every four years	Wimbledon – one of the four Grand Slams, played every year in London. It is viewed as the most prestigious tennis tournament in the world
	analysis – looking at something very carefully in order to better understand something about it	conservatory – a room with a glass roof and walls, attached to a house at one side and used as a sun lounge or for growing plants
	schedule – a published list of events and the order they will happen in	
	Perthes' disease – a rare condition that affects a child's hip joint	
	para-sports – sports for people with disabilities	

SPORT NEWS

1. Complete this fact file on the sport star featured in this interview.

NAME	
AGE	
SPORT	
COMPETITIONS WON	

2. Where in the news article do you find the precise information about the titles Alfie has won?

☐ Lead paragraph ☐ Caption on the photo ☐ In the response to the second interview question

3. Explain the medical condition that Alfie suffered from when he was seven years old.

4a. What did Alfie's family do to get him involved in sport?
4b. What benefits does he say sport brings?

5. Alfie says: "It doesn't get much better than Wimbledon." What are the reasons for this being a highlight of his life so far?

6. He says in the interview that he lives in Norfolk "out in the sticks". What do you think this phrase means?

7. Why is Alfie in his mum's bad books?

8. Why is he **watching** tennis matches at the moment?

9a. Look at the headline for this interview. What technique does the journalist use to write this headline?

☐ They use alliteration (where each word starts with the same sound).

☐ They use a pun (play on words).

☐ They use a quote from the interview.

9b. How is an interview different to a news report?
Write down all the differences you can think of.

10. Do you agree with Alfie's tips for how to cope with lockdown? Explain your thoughts or say what advice you would give.

Reading (Thursday)

I absolutely love this chapter, mainly because I think it gives Chets (who is usually a little bit weak as a character) some strength and a bit more purpose in the story. I do think that Lance must have a lot of different thoughts and feelings when he meets Chets again in this chapter.
For this task, I would like you to identify the different thoughts and feelings Lance must have at different points in this chapter, copying sentences from the text to show when you believe he has these thoughts.

E.g. *"but something about him is different."* = Why is he standing like that? Chets is usually all slouched and relaxed.

These stories are from pages 5, 9 and 12 of *First News*. Read the stories, and then try the puzzle. **To help you, we have underlined the answers to the crossword puzzle clues in the stories – but you will need to match the correct word with each clue!**

WORLD NEWS

ICEBERG ILLUSION

ALTHOUGH it looks like an optical illusion or an abstract painting, this amazing image is actually a photograph of an iceberg.

It was taken by Australian photographer Craig McGowan in a fjord in Northeast Greenland National Park, and won the Landscape category of the 2020 Sony World Photography Awards.

"In the calm waters many icebergs were drifting," McGowan told us. "They had broken away from a glacier and were slowly melting. What the photo does not display is the size or scale of the iceberg or mountain. The iceberg itself would have been 4-5 storeys high. The fjord walls that rose straight up from the water line were all over 1,000 metres [0.6 miles] high. That morning experiencing the natural beauty, combined with pristine conditions in an unspoilt environment, will stay with me forever."

BERLIN, GERMANY

A VENDING machine sells face masks in a train station. Such masks will soon have to be worn by passengers, as Germany takes its first steps to ease restrictions on public life that were put in place weeks ago to try to slow the spread of the coronavirus.

FOSSIL FIND

THIS fossil is the most complete known skeleton of a mammal from the ancient supercontinent of Gondwana.

The well-preserved skeleton is around 70 million years old, and, most excitingly, it's a brand-new species never discovered before.

Scientists have called it *Adalatherium*, which means 'crazy beast' in Malagasy, the language of Madagascar.

ACROSS

3) The remains or traces of plants or animals that lived long ago (noun 6)

5) Rules stopping people from doing certain things (plural noun 12)

6) A large mass of ice that has broken away from a glacier and is floating in the ocean (noun 7)

7) A large area of thick ice that remains frozen from one year to the next (noun 7)

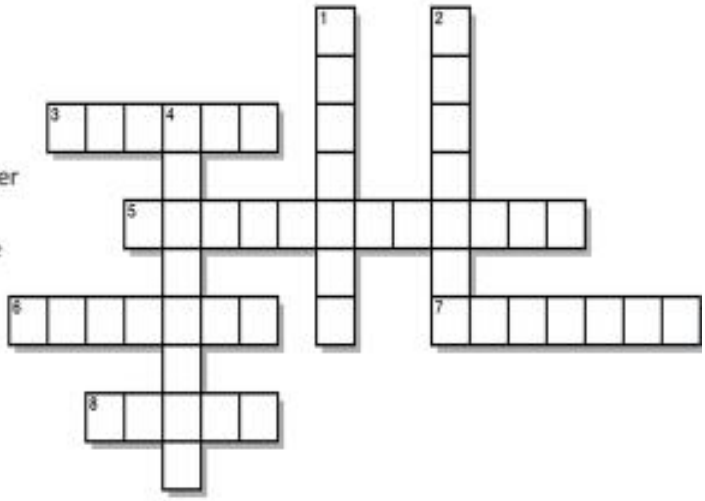
8) A narrow, long body of water that is very deep and has steep cliffs on three sides (noun 5)

DOWN

1) See 2 down

2 and 1) An appliance that dispenses small items such as food or drinks when a coin is inserted (noun 7,7)

4) The firm structure of a living thing, made of bone. It supports the body and protects the internal organs (noun 8)



Writing (Friday)

Welcome to our sixth 100 Word Challenge - a writing competition. 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.

As last week saw May 4th, Star Wars, click the image for a special Star Wars video

Maths (Monday)

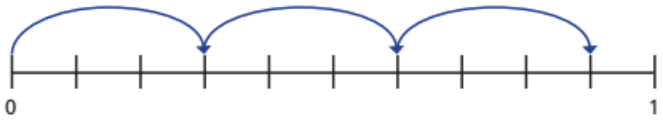
Multiply fractions by integers

1 Complete the calculations.

a)

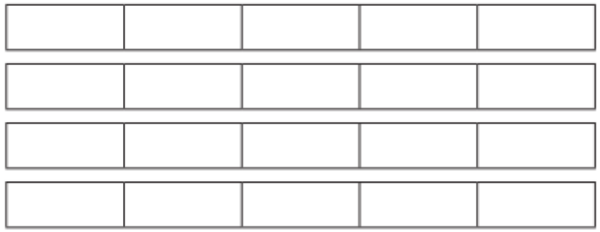
$\frac{2}{7} \times 2 =$ ☐

b)



$3 \times \frac{3}{10} =$ ☐

2 **a)** Shade the bar models to show $\frac{2}{5} \times 4$



b) Complete the multiplication.

$\frac{2}{5} \times 4 =$ ☐

3 Complete the calculations.

a)

$\frac{1}{3} \times 1 =$ ☐

$\frac{1}{3} \times 2 =$ ☐

$\frac{1}{3} \times 3 =$ ☐

$\frac{1}{3} \times 4 =$ ☐

$\frac{1}{3} \times 5 =$ ☐

$\frac{1}{3} \times 6 =$ ☐

b)

$\frac{3}{4} \times 1 =$ ☐

$\frac{3}{4} \times 2 =$ ☐

$\frac{3}{4} \times 3 =$ ☐

$\frac{3}{4} \times 4 =$ ☐

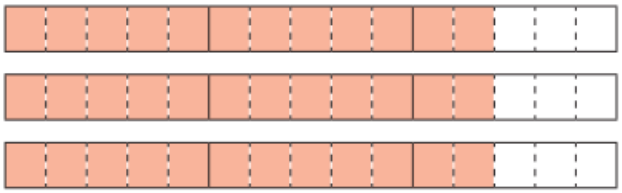
$\frac{3}{4} \times 5 =$ ☐

$\frac{3}{4} \times 6 =$ ☐

What patterns do you notice?

4 Complete the multiplication.

$2\frac{2}{5} \times 3 =$ ☐



What method did you use? Is there a different method you could have used?

5 Match the calculations.

$\frac{2}{3} + \frac{2}{3}$	$\frac{1}{2} \times 6$
$\frac{1}{4} \times 24$	$18 \times \frac{1}{4}$
$\frac{3}{4} + \frac{3}{4} + \frac{3}{4} + \frac{3}{4}$	$\frac{1}{6} \times 10$
$\frac{5}{12} \times 4$	$12 \times \frac{1}{2}$
$1\frac{1}{2} \times 3$	$\frac{1}{3} \times 4$

6 Write each answer as a mixed number in its simplest form.

a) $1\frac{1}{5} \times 2 =$ ☐

b) $2\frac{1}{6} \times 3 =$ ☐

c) $2\frac{2}{5} \times 4 =$ ☐

d) $2\frac{2}{5} \times 5 =$ ☐

e) $7 \times 3\frac{1}{2} =$ ☐

f) $\frac{11}{15} \times 7 =$ ☐

7 Fill in the missing numbers.

a) $2\frac{\square}{7} \times 3 = 6\frac{6}{7}$

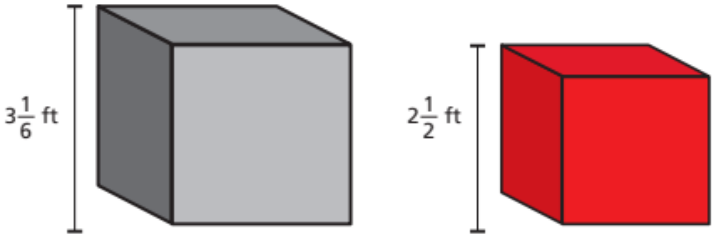
b) $2\frac{\square}{8} \times 3 = 7\frac{1}{2}$

8 Tommy's dog eats $3\frac{1}{2}$ tins of food a week.

How many tins does she eat in a year?

☐

9



Jack builds a tower using grey blocks.

Alex builds a tower using red blocks.

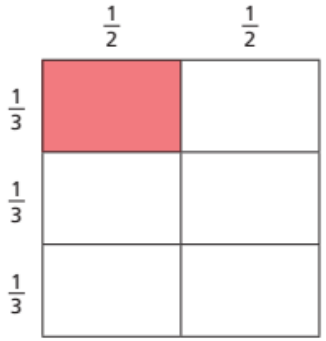
The towers are exactly the same height.

How many blocks could they each have used?

Maths (Tuesday)

Multiply fractions by fractions

1 Dexter works out $\frac{1}{2} \times \frac{1}{3}$ using a grid method.

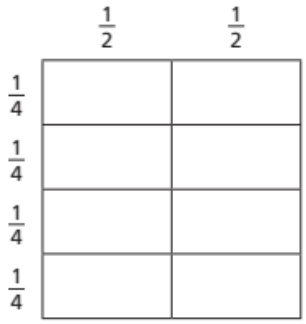


Explain how this shows $\frac{1}{2} \times \frac{1}{3} = \frac{1}{6}$

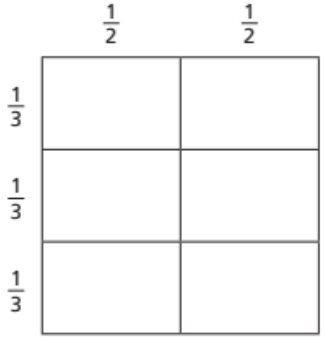
2 Shade the diagrams to show the fraction multiplications.

Complete the multiplications.

a) $\frac{1}{2} \times \frac{1}{4} = \square$



b) $\frac{1}{2} \times \frac{2}{3} = \square$



3 **a)** Divide the square to show that $\frac{2}{3} \times \frac{3}{4}$ is equal to $\frac{6}{12}$

b) Mo says $\frac{2}{3} \times \frac{3}{4}$ is equal to $\frac{1}{2}$

Is Mo correct? _____

Explain your answer.

4 Complete the calculations.

a) $\frac{1}{4} \times \frac{1}{5} = \square$

b) $\frac{1}{5} \times \frac{1}{6} = \square$

c) $\square = \frac{1}{7} \times \frac{1}{8}$

d) $\frac{1}{8} \times \frac{1}{9} \times \frac{1}{10} = \square$

e) $\frac{3}{4} \times \frac{1}{5} = \square$

f) $\frac{2}{5} \times \frac{5}{6} = \square$

g) $\frac{5}{7} \times \frac{5}{8} = \square$

h) $\frac{3}{8} \times \frac{2}{9} \times \frac{3}{10} = \square$

5 Use the diagram to complete the calculations.

a) $\frac{1}{3}$ of $\frac{1}{4} = \square$

b) $\frac{2}{3}$ of $\frac{3}{4} = \square$

c) What do you notice about your answers?

Talk to your partner.

6 Fill in the missing numbers.

a) $\frac{1}{10} = \frac{1}{2} \times \frac{1}{\square}$

b) $\frac{1}{5} \times \frac{\square}{3} = \frac{2}{15}$

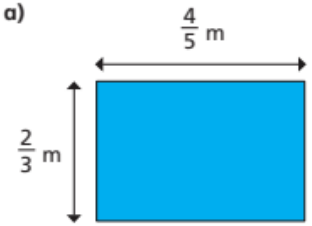
7 Fill in the missing numbers.

a) $\frac{1}{10} = \frac{\square}{4} \times \frac{\square}{5}$

b) $\frac{1}{4} = \frac{\square}{4} \times \frac{\square}{5}$

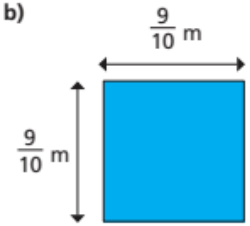
8 Calculate the area of the shapes.

a)



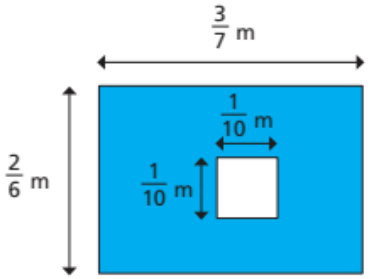
Area = $\square$ m^2

b)



Area = $\square$ m^2

9 Work out the area of the shaded part.



$\square$

Divide fractions by integers (2)

1

$\frac{4}{5} \div 2$ $\frac{4}{5} \div 3$

a) Write two things that are the same about the calculations.

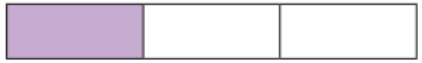
b) Write one thing that is different about the calculations.

c) Draw a diagram to help you work out the answer to $\frac{4}{5} \div 2$

d) Draw a diagram to help you work out the answer to $\frac{4}{5} \div 3$

2 Complete the divisions using the diagrams to help you.

a) $\frac{1}{3} \div 2 =$ 

b) $\frac{1}{3} \div 3 =$ 

c) $\frac{2}{3} \div 3 =$ 

3 $\frac{3}{4}$ of a kilogram of rice is divided equally between two bowls.

How much rice is in each bowl?

4 Work out the divisions.

a) $\frac{1}{5} \div 7 = \square$

b) $\square = \frac{1}{6} \div 3$

c) $\frac{1}{4} \div 9 = \square$

d) $\square = \frac{1}{7} \div 6$

e) $\frac{4}{9} \div 7 = \square$

f) $\square = \frac{5}{6} \div 12$

g) $\frac{8}{3} \div 7 = \square$

h) $\square = \frac{19}{20} \div 5$

i) $\frac{1}{100} \div 25 = \square$

j) $\square = \frac{45}{50} \div 20$

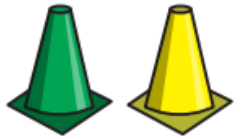
5 Write <, > or = to complete each statement.

a) $\frac{1}{3} \div 5 \bigcirc \frac{1}{5} \div 3$

b) $\frac{1}{3} \div 3 \bigcirc \frac{1}{5} \div 5$

c) $\frac{3}{5} \div 5 \bigcirc \frac{3}{5} \div 3$

6 There are some cones in the PE shed.



Classes 1, 2 and 3 share them equally.

- Class 1 put theirs into 4 equal piles.
- Class 2 put theirs into 5 equal piles.
- Class 3 put theirs into 11 equal piles.

What fraction of the whole number of cones is in each pile?

	Fraction in each pile
Class 1	
Class 2	
Class 3	

7 a) Which of these statements are true? Tick your answers.

$\frac{1}{2} \div 2$ *is equal to* $\frac{1}{2} \times \frac{1}{2}$ ☐

$\frac{1}{2} \div 4 = \frac{1}{2} \times \frac{1}{4}$ ☐

$\frac{1}{2} \div 3 = \frac{1}{2} \times \frac{1}{3}$ ☐

$\frac{1}{2} \div 5 = \frac{1}{2} \times \frac{1}{5}$ ☐

b) What do you notice?

Is it only true for halves?

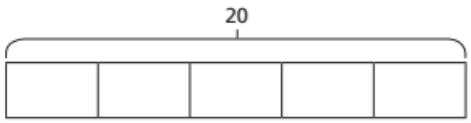
Does it work for non-unit fractions?

Talk to a partner.

Maths (Thursday)

Fractions of an amount

1



a) Shade $\frac{1}{5}$ of the bar model.

b) What is $\frac{1}{5}$ of 20? ☐

2 Use your times tables knowledge to solve the calculations.

a) $\frac{1}{3}$ of 12 = ☐

b) $\frac{1}{4}$ of £20 = ☐

c) $\frac{1}{5}$ of 35 m = ☐

d) $\frac{1}{10}$ of 80 cm = ☐

e) $\frac{1}{12}$ of 60 = ☐

f) $\frac{1}{7}$ of 84 kg = ☐

Now use your answers to solve these calculations.

a) $\frac{2}{3}$ of 12 = ☐

b) $\frac{3}{4}$ of £20 = ☐

c) $\frac{3}{5}$ of 35 m = ☐

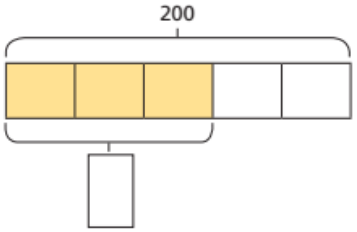
d) $\frac{7}{10}$ of 80 cm = ☐

e) $\frac{11}{12}$ of 60 = ☐

f) $\frac{6}{7}$ of 84 kg = ☐

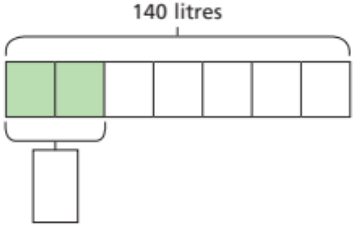
3 Calculate the missing values.

a)



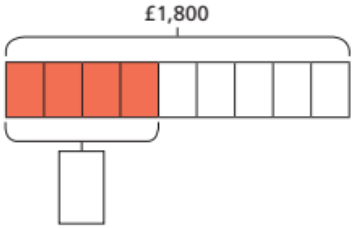
$\frac{3}{5}$ of 200 = ☐

b)



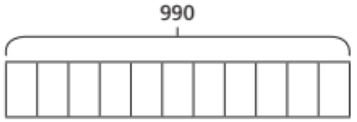
$\frac{2}{7}$ of 140 litres = ☐

c)



$\frac{4}{9}$ of £1,800 = ☐

d)



$\frac{3}{11}$ of 990 = ☐

4 **a)** In a school of 480 pupils, $\frac{2}{3}$ are juniors.

How many juniors are in the school?

b) A factory makes 256 cars.

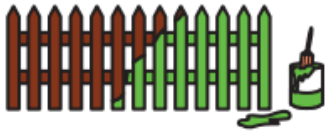
$\frac{3}{8}$ are electric cars.

How many electric cars does the factory make?

c) Brett uses $\frac{2}{5}$ of his £180 savings to buy a train ticket.

How much of his savings does he have left?

5



Alex has 288 m of fence to paint.

She paints $\frac{3}{12}$ of the whole fence on Monday. She then paints $\frac{1}{2}$ of what is left on Tuesday.

How much fence does she have left to paint?

6 Fill in the missing numbers.

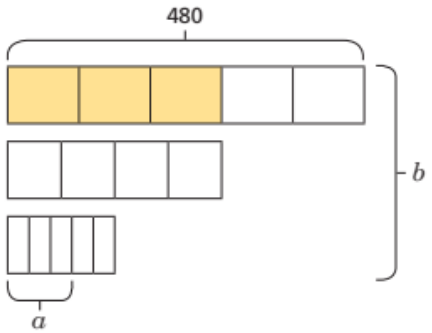
a) $\frac{\square}{10}$ of \$500 = \$150

b) $\frac{\square}{4}$ of 100 kg = 75 kg

c) 42 = $\frac{\square}{100}$ of 700

d) 450 = $\frac{\square}{20}$ of 3,000

7 Find the values of a and b.



$a =$ $b =$

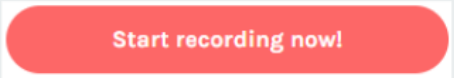
Podcast

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.