



## HOME LEARNING

YEAR 5

18/05/2020

### Morning Message

Good morning Year 5,

We hope you had an enjoyable weekend and are feeling ready for the week ahead. This week in maths we will be finishing the unit of fractions in maths. Today in English you will be writing a non-chronological report about a shark of your choice. Think back to when we did non-chronological reports last term to help you.

#### Answer to Friday's riddle:

One man was bald.

#### Today's riddle:

What has a neck but no head?

Happy Monday,

Ms Gayer and Mr McCann

P.s 5 Lisbon, look what Mr McCann got his hands on finally after being released on Friday!



**Challenge:** draw your favourite character from your favourite book. What do you think they look like? Can you remember the character description the author uses to describe their appearance? Use that to help you!

### Today's Picture



## Writing

Your task: Today you will be writing a non-chronological report about a shark of your choice.

### Things to consider:

- Is there a shark that you love already that you want to find out more about?
- Does the internet have lots of research about the shark you have chosen?
- Are you using the internet safely and taking notes about your choice of shark.

### Remember:

- Include sub-headings, an introduction sentence and a 'did you know box'
- Use technical and scientific vocabulary
- Have at least three sub-headings

## Reading

This week your reading extract comes from '*We See Everything*' by William Sutcliffe.

**Day 1** You must read the extract out loud to a family member practising using volume, tone and expression. As you read, underline or make notes of any words that you do not understand.

I don't know if I can go through with it.

Pressed against a shrapnel-pitted wall, I stare out over the expanse of collapsed brick, crumpled tarmac, crushed concrete and twisted steel at the blackberry bush I spotted yesterday, a short distance into the exclusion zone.

I could run there in a few seconds. Anywhere else it would be so easy. But anywhere else, the berries would be gone.

A woman with grey-streaked hair, wearing a thick winter coat despite the bright September warmth, emerges from the apartment block behind me. She eyes me warily before shuffling away.

You don't see many people on the streets round here, at the outer edge of London. That's why I come, to look out at the exclusion zone and feel briefly alone, away from the noise and crowds of the city. I don't do it often – it's an eerie place – but there's nowhere else to catch a breath of wind or look at anything further away than the other side of the street.

All night I've been turning over whether I dare risk going out into this lethal, barren area between me and the fence, wavering one way then the other, but even now, having returned with bags to collect the berries, I still can't decide.

Is it really likely that someone is watching this desolate space all the time, alert enough to spot one teenager breaking cover for a few seconds? If they did see me, would they really shoot?

I look beyond the wasteland towards the nearest watchtower, attempting to gauge the distance, scanning for a flicker of movement or a flash of reflected sunlight, but the concrete and tinted glass give nothing away.

When my eyes fall back to the bush, picking out the glisten of dark, ripe berries, my mouth begins to water, and all the dire warnings I've heard about entering the exclusion zone evaporate from my mind. After a whole night of anxious wavering, my legs rather than my brain seem to make the final decision.

I crouch low and sprint, scurrying like a cockroach out into the troughs and hillocks of rubble, my knees almost knocking my chin with each step. As soon as I'm in motion the distance to the bush seems to stretch. I barely breathe, feeling utterly exposed, braced for the impact of a bullet I wouldn't even hear until it had ripped through my flesh.

While every cell of my body drives me on over the angular, dusty surface, a disembodied voice drifts through my skull, asking, *Why are you doing this? When did you get so dumb? Why would you risk your life for something so small?*

I fling myself to the ground in the shelter of the bush, cutting my knee on a jut of broken concrete, but I feel only a dull echo of pain, even as blood pearls through my jeans. I can barely believe I have come out here, into this vast flattened rectangle of land that surrounds what's left of London.

# Maths

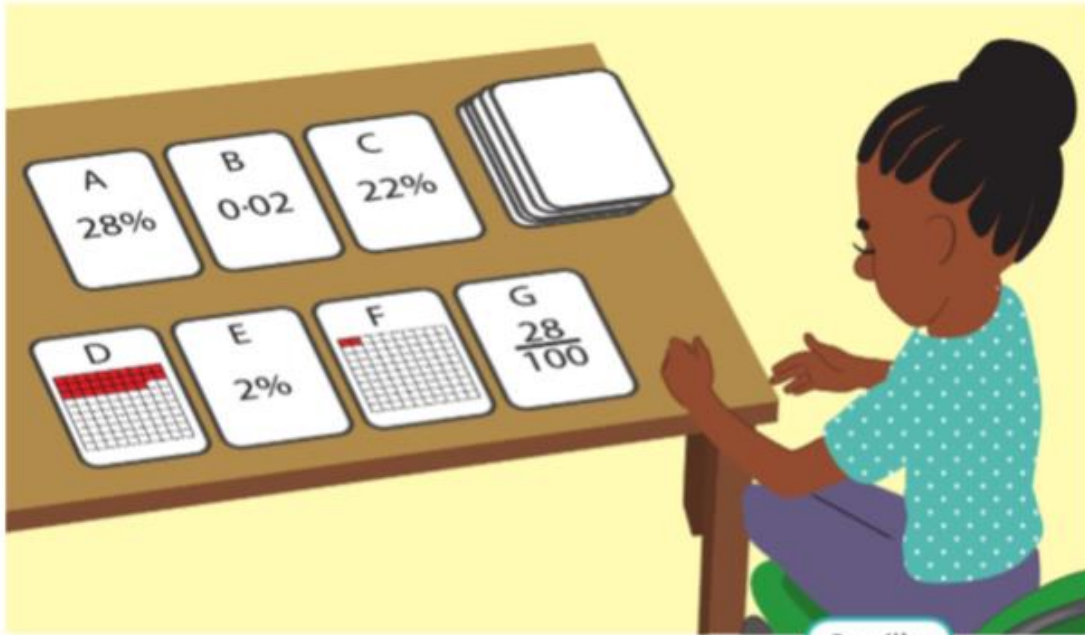
## Decimals and percentages (Lesson 11)

In this lesson you will learn to write percentages as a fraction with denominator 100, and as a decimal. Percentages, decimals and fractions are all different ways of expressing proportions.  $7\% = 7/100 = 0.7$

For this lesson, it will be useful to use a number line to help you answer questions, a hundred square grid and also a place value grid.

**Key vocabulary:** fraction, decimal, diagram, percentage (%), hundredths, ones, tenths, equal parts, equivalent, exchange, convert, place value grid, whole, digits, least, greatest, value, number line, number track, longest, shortest, interval

Tens	Ones	.	Tenths	Hundredths	Thousandths
10	1	•	0.1	0.01	0.001
$\frac{10}{1}$	$\frac{1}{1}$	•	$\frac{1}{10}$	$\frac{1}{100}$	$\frac{1}{1,000}$
		•			

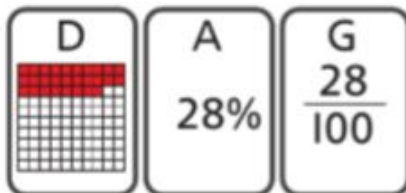


Jamilla

- I** a) Find two sets of three matching cards.
- b) Write a fraction and draw a diagram to match the remaining card.

## Share

- a) Card D shows 28 squares shaded out of 100. This can be written as 28% (Card A) and as  $\frac{28}{100}$  (Card G).

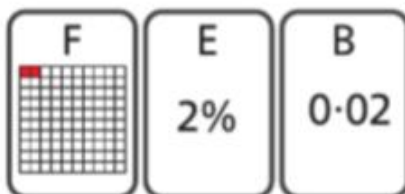


I will start with the diagram cards.

Each shows 100 equal parts. This represents hundredths.



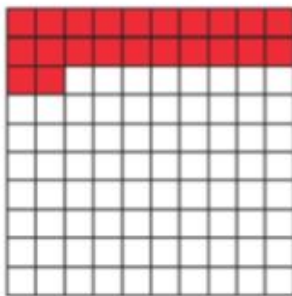
Card F shows 2 squares shaded out of 100. This can be written as 2% (Card E) and as  $\frac{2}{100} \cdot \frac{2}{100}$  is the 2 hundredths which is equivalent to the decimal 0.02 (Card B).



- b) The remaining card is Card C, which shows 22%.

22% is 22 equal parts out of 100 and so can be written as  $\frac{22}{100}$ .

This can be represented on a hundredths grid like this:



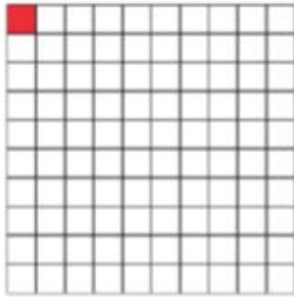
We can say  
 $22\% = \frac{22}{100}$ .  
The percentage  
and the fraction  
are equivalent.



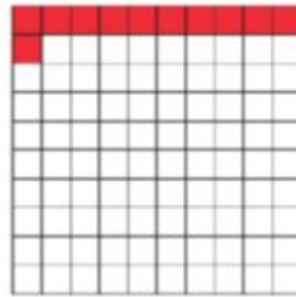
## Think together

- 1 Write the numbers represented by each diagram as a fraction, decimal and percentage.

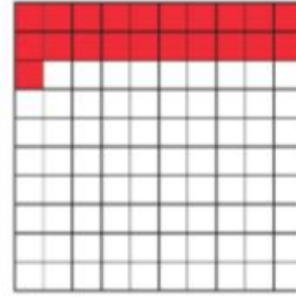
a)



b)



c)



- 2 Complete the table to show the equivalent fractions, decimals and percentages.

70%    $\frac{12}{100}$    5%   0.09    $\frac{5}{100}$    0.7   9%   0.12

Fraction	Decimal	Percentage
$\frac{9}{100}$	<input type="text"/>	<input type="text"/>
<input type="text"/>	0.05	<input type="text"/>
<input type="text"/>	<input type="text"/>	12%
$\frac{70}{100}$	<input type="text"/>	<input type="text"/>

- 3 a) Ambika and Richard are talking about saving their pocket money.

CHALLENGE

I have saved 100% of my pocket money.

I have saved 100% of mine. We must have saved the same!



Ambika



Richard

Explain why Richard could be wrong.

- b) Ambika wants to convert 100% into a decimal.  
Show how to write 100% as a decimal.



I think it could be 0.100.



I do not think that is right. 100% means 100 hundredths.



Now complete pages 160 – 162 in your power maths books.

Thursday: Go on the Mathletics website to complete the tasks that have been set.

<https://www.mathletics.com/uk/>



## Weekly Spellings

The rule for this week is **endings spelt –able, ible, ably and ibly**. Please practise learning the words every day by putting the words in sentences and get an adult to test you on Friday.

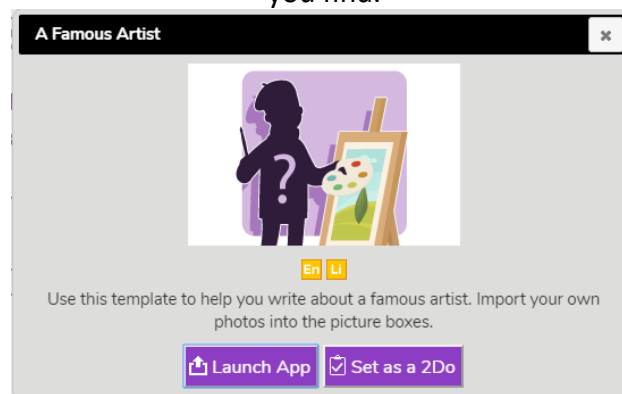
e.g. **was the man capable of thinking of someone other than himself?**

debatable  
knowledgeable  
pleasurable  
capable  
justifiable  
comprehensible  
responsible  
irreversible  
impossible  
accessible  
inconsiderably  
indescribably  
unimaginably  
unbelievably  
remarkably  
irresponsibly  
plausibly  
horribly  
feasibly  
forcibly

## Foundation Work (for the week)

### Art – due Friday at 12pm

This half term we would be looking at the artists Frank Auerbach and Friedensreich Hundertwasser and how they use the skill of drawing to create their artwork. This week we would like you to choose one of these two artists and complete the template. We would like if you find out about their style of drawing, their life and you may import your own photos that you find.



## Diary

Write a diary of what work and activities you did today. Remember to include your emotions and opinions.