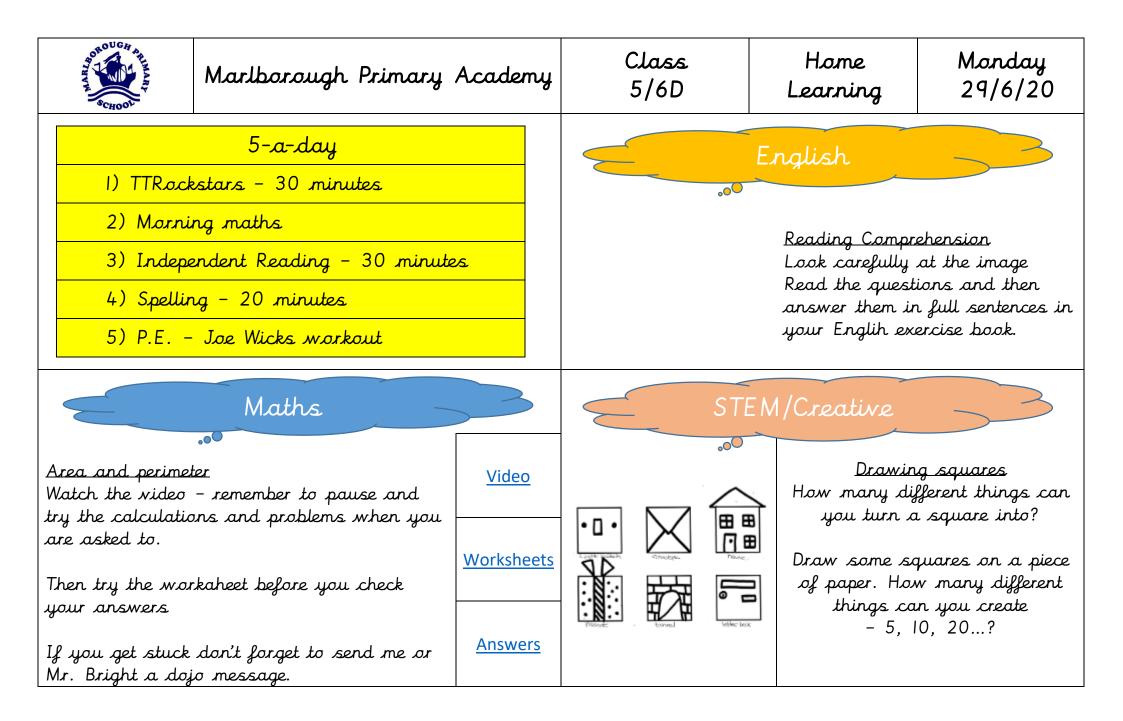
Marlborough Primary Academy

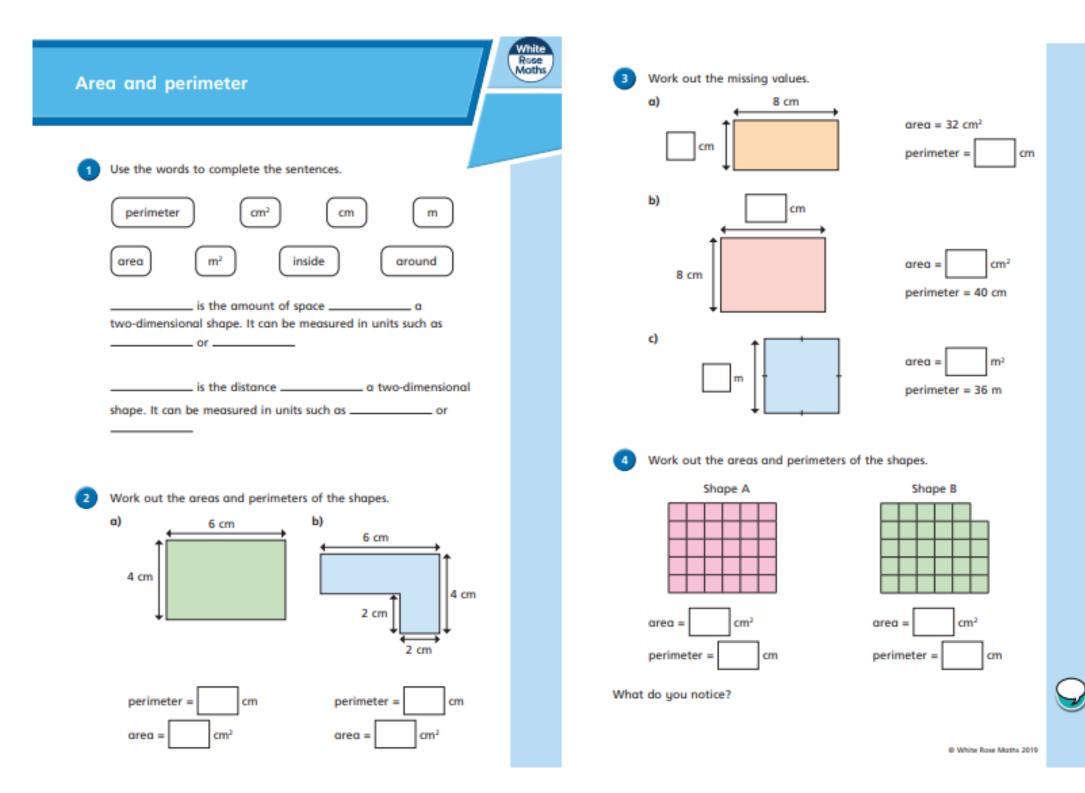
> Home Learning Class 5/6D

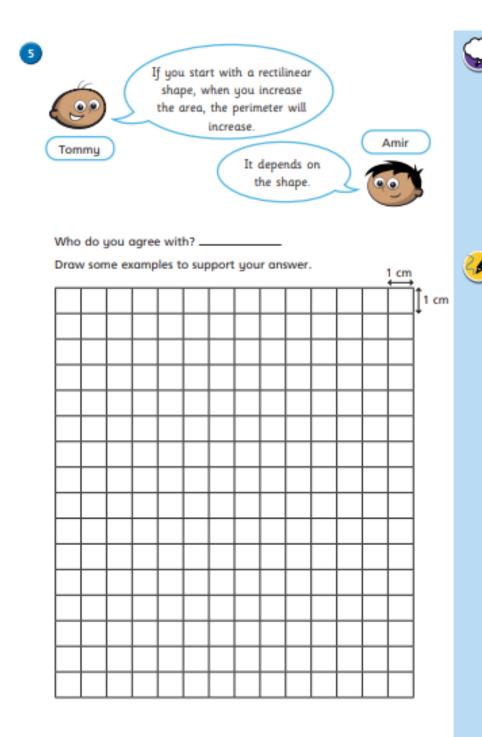
Week beginning 29/6/2020





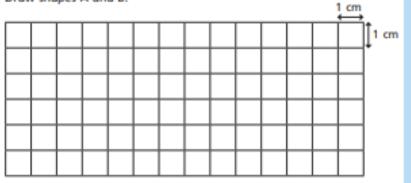
Morning maths – Monday 29/6/20							
967x79	3/8 of a number is 24. What is the						
	number?						
967							
x 7 9							
	Hint _ find 1/8 before finding the whole						
	Hint – find 1/8 before finding the whole						
What is 15% of 600?	7521÷2						
	1) as remainder						
	2) as decimal						
	3) as fraction						
Hint – 15% is 10% + 5%							





- 6 Two rectilinear shapes, A and B, each have an area of 12 squares.
 - Shape A has the largest perimeter possible.
 - Shape B has the smallest perimeter possible.

Draw shapes A and B.



What do you notice?

7

Mr Jones has 50 m of fencing.

He wants to make a rectilinear enclosure using all the fencing.

a) Draw an example of a shape he could make. Give units on your diagram.

- b) What is the greatest possible area of the enclosure?
- c) What is the smallest possible area of the enclosure?

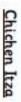


Visit the Lost Cities of Ancient Maya

Visit the Ancient Maya

Excavations of the Mexican and Guatemalan jungle have revealed the intriguing remains of the lost cities of Ancient Maya which seemed to be abandoned at the height of their power. The mysterious ruins left behind by the Ancient Maya civilisation are amongst the most fascinating historical sites to be found on Earth. A visit to one of these mystical sites offers lots for both the history expert and the interested sightseer alike. So, why not plan that special trip? Use our travel guide to help you decide which of these amazing places you should visit first.







popular tourist resort of Cancun and can receive over one one of the New Seven Wonders of the World and is one World Heritage Site is located in the depths of the Yucatan Chichen Itza. Dating from the 6th Century, this UNESCO million visitors per year. because the site is just a two-hour bus ride from the Mexico's most famous tourist destinations. This may be Peninsula in Southern Mexico. It has recently been named The most popular and well-known of all Maya sites is of

structure is the huge stepped pyramid which is known as El Castillo or 'the castle'. This dominates the northern skyline and is approximately 30 metres high and 55 metres wide! temple, the Great Ball Court and the Temple of the Warriors. However, the most recognisable Chichen Itza is actually comprised of many buildings, including the El Caracol observatory

Palenque

many symbols found preserved in the temple's structure. actually been uncovered, which means there are more than 1000 structures still hidden. world-famous archaeological site. It is said that less than 10% of the total area of the city has swallowed by the surrounding jungle, but was excavated and restored, so it has now become a some of the finest Maya sculptures and carvings that have ever been discovered. The site was is128 kilometres south of Ciudad del Carmen. It is a much smaller site than Chichen Itza, but has picturesque and atmospheric site is located in the area now known as Chiapas, Mexico, which Palenque. This is one of the best examples of Ancient Maya architecture in Mexico. The If you want to avoid the busy Chichen Itza, then why not try the breath-taking jungle ruins of The most famous structure in Palenque is the Temple of Inscriptions which is so called due to the



Tikal is one of the most interesting and important Ancient Maya sites to visit. It is located in the far north of Guatemala, 300 kilometres north of Guatemala City. It was once a bustling city, home to over 60,000 inhabitants and became one of the most powerful kingdoms in Ancient Maya.

visitors throughout the year. It is also a smaller site than other more popular destinations, but excavated, even after years of archaeological digging. present there. However, it is estimated that only a small percentage of the site has been Pyramid. The current site covers over 16 square kilometres of land, with almost 3000 structures The site features many temples and pyramid structures, including the famous Lost World Tikal has some of the finest sculptures and carvings that have ever been discovered Despite being much quieter than both Chichen Itza and Palenque, it is still visited by many

Tree. The money raised by visits to the site help to protect the local rainforest Like Palenque, Tikal is surrounded by dense jungle, including trees such as the Giant Kapok

Naachtun

archaeologist called Morley, Naachtun is known as the 'Forgotten Mayan City', and it remains one of the most remote and least-visited sites in the area. Naachtun, which is just 1 kilometre south of the Mexican border. Discovered in 1922 by an Another authentic Ancient Maya site to be found in the far northern region of Guatemala is

area It was located at the centre of a very powerful kingdom, between two huge Maya cities: Tikal wartime. The site was influenced by both sides which can be seen in the architecture within the and Calakmul. This meant that it held a strategic position and was often vulnerable during

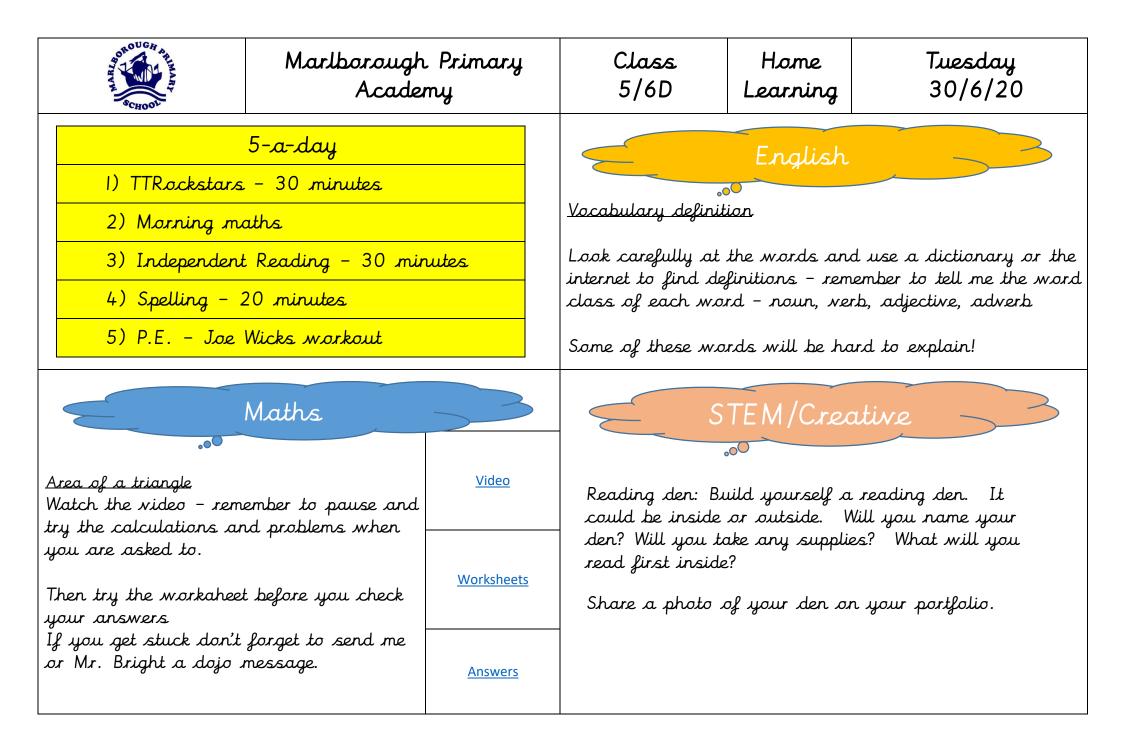
Making your Visit

shade can be found due to the canopy provided by the sure you wear comfortable footwear. In some locations so you will need to dress lightly. Remember, you will be trees, but not always. climbing up many steep steps and monuments, so make The climate is hot, humid and sunny in these areas and to any of these sites, as well as transport arrangements Tickets will need to be purchased prior to making a visit

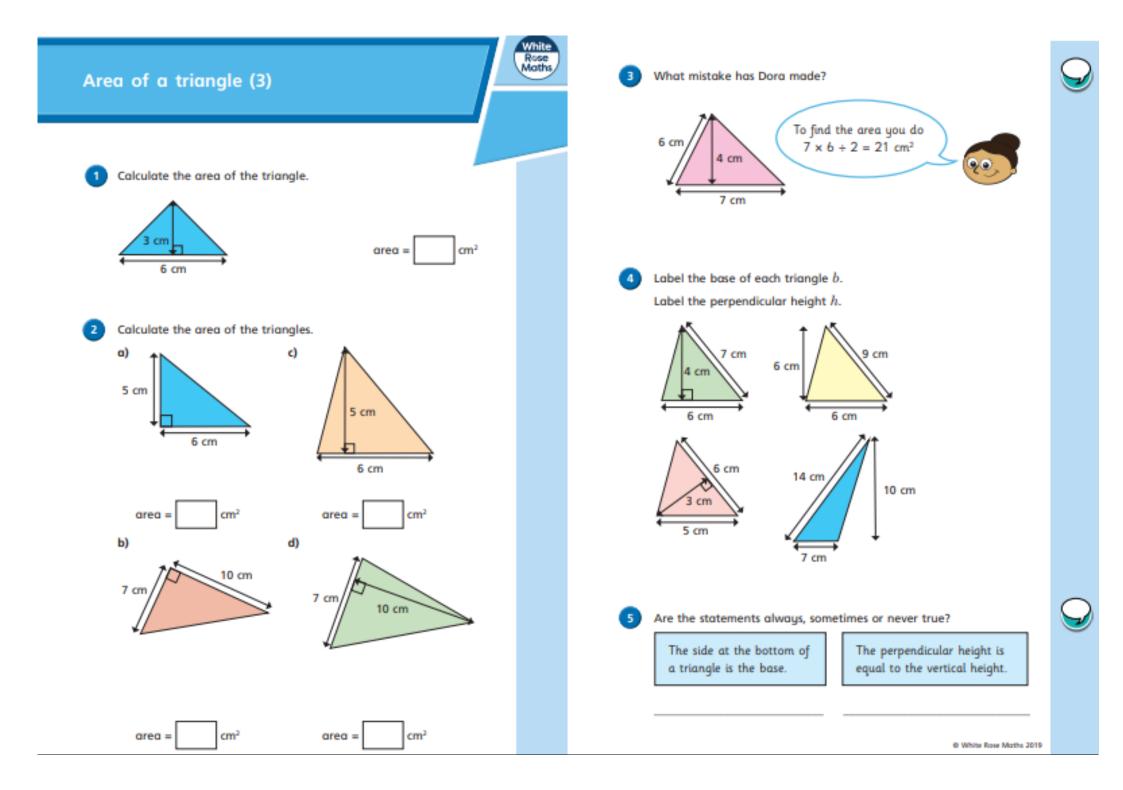
want to take lots of photographs! Last of all, don't forget to pack your camera as you will



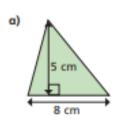
Visit the Lost Cities of Ancient Maya – Comprehension Section A 1. How do the pictures help the reader? 2. In which countries can you find many of the Ancient Maya sites?	Section B 8. Why do you think the title refers to the 'Lost Cities of Ancient Maya? 9. Summarise the main ideas in the first section 'Visit the Ancient Maya'. 10. What is the purpose of this travel guide?
3. The text refers to 'intriguing remains'. What does the word 'intriguing' mean in this context?	11. The text describes Palengue as 'atmospheric'. What does this word mean in this
 4. Which is the most popular and well-known of the Ancient Maya Sites? 5. From reading the section 'Chichen Itza', give three reasons why you think it has so many visitors. 	context? 12. Make a list of the reasons why a visitor may choose Tikal as a place to visit.
6. Why does Naachtun feature in many different architecture styles?	13. Which words and phrases does the writer use to make the reader believe Ancient Maya sites are worth visiting?
7. What is the climate in these locations?	

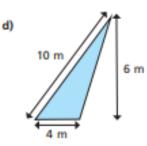


Morning maths -	Tuesday 30/6/20
6040-1458	375,823 + 927,921
My number's digits add to make 10. My units digit is even and greater than my tens digit. My number is less than 40. What is my number?	Hint – set out using place value How many 12ths are equal to 5/6?





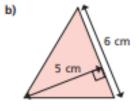


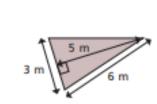


area =

e)







m²

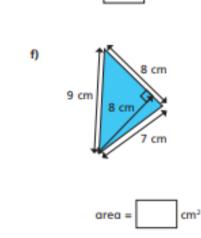
m²

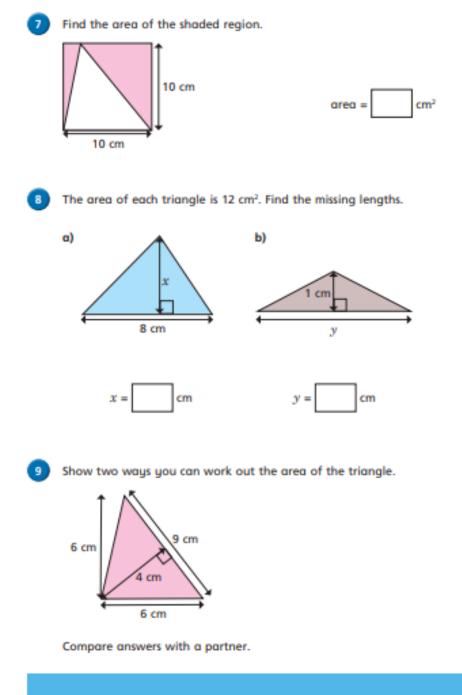


mm²



area =



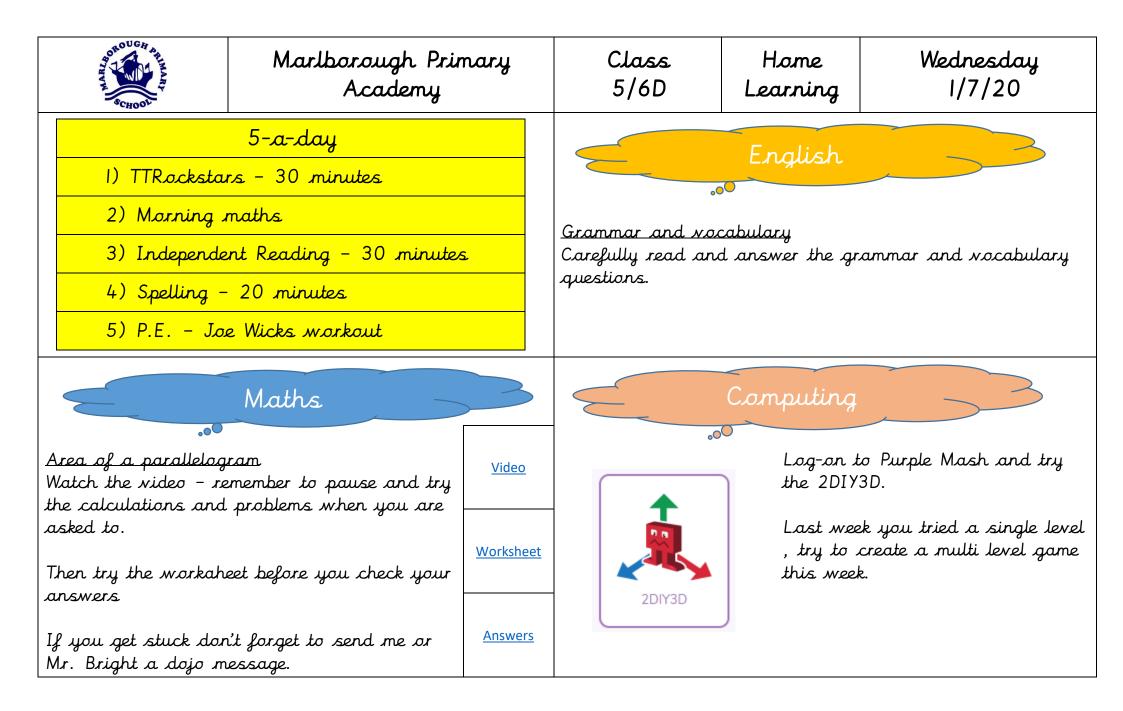


Write definitions of word meanings

Look through the vocabulary list of words which could be used to describe yesterday's English Picture – what do they mean? Use a dictionary (online word definition works too) to explain what they mean – make sure you use your own words not just copy. Also tell me the word class – verb, noun, adjective, adverb too

excavate	bustling	
intriguing	estimated	
inscriptions	authentic	
inhabitants	vulnerable	
remote	canopy	
popular	dominate	

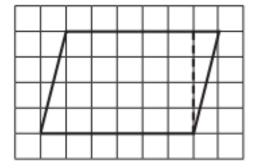
Choose your favourite 4 words and write a sentence for each one – try to also use the fronted adverbial, expanded noun phrases and powerful verb skills we learned last week



Morning maths – V	Vednesday 1/7/20
I think of a number, divide by 6 and then multiply by 11. My answer is 77. What was my number?	2 7 7 3 9 8 27 - 1 54 - 2 81 - 3 108 - 4 135 - 5 6 7 8 9 10
Hint – try to undo (reverse) the problem	
My number is 12.5 What is my number x 100?	108-21.65
Hint – use a place value grid	Hint – Set out using place value

Area of a parallelogram

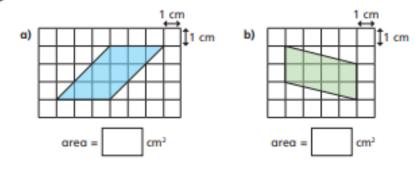
On a piece of squared paper, copy this parallelogram and cut it out.



- a) Create a rectangle by cutting off the right-angled triangle and moving it.
- b) Complete the sentences.

The area of the rectangle is squares. The area of the parallelogram is squares.

Calculate the areas of the parallelograms.



3

4

Rose Maths

60

Huan is finding the area of the parallelogram.

8 cm 6 cm $10 \times 8 = 80 \text{ cm}^2$ 10 cm

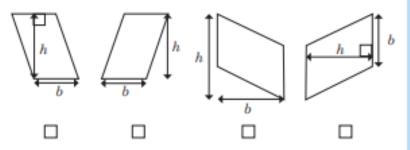
a) What mistake has Huan made?

b) What is the correct answer?

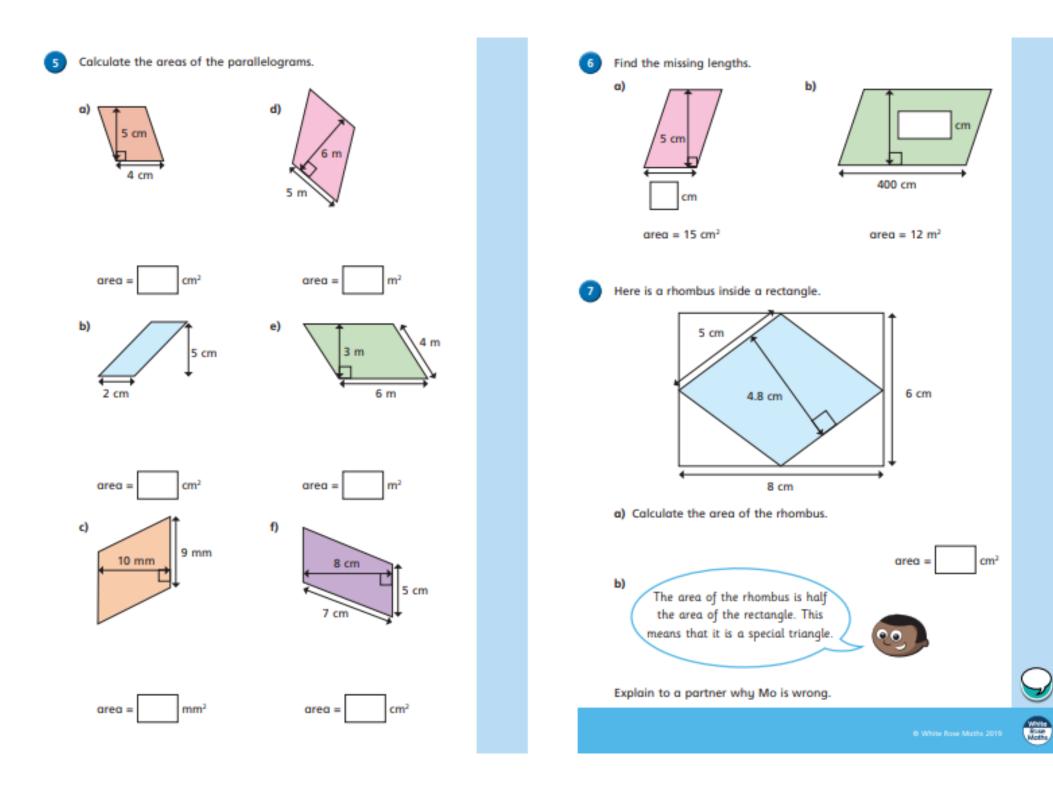
cm² area =

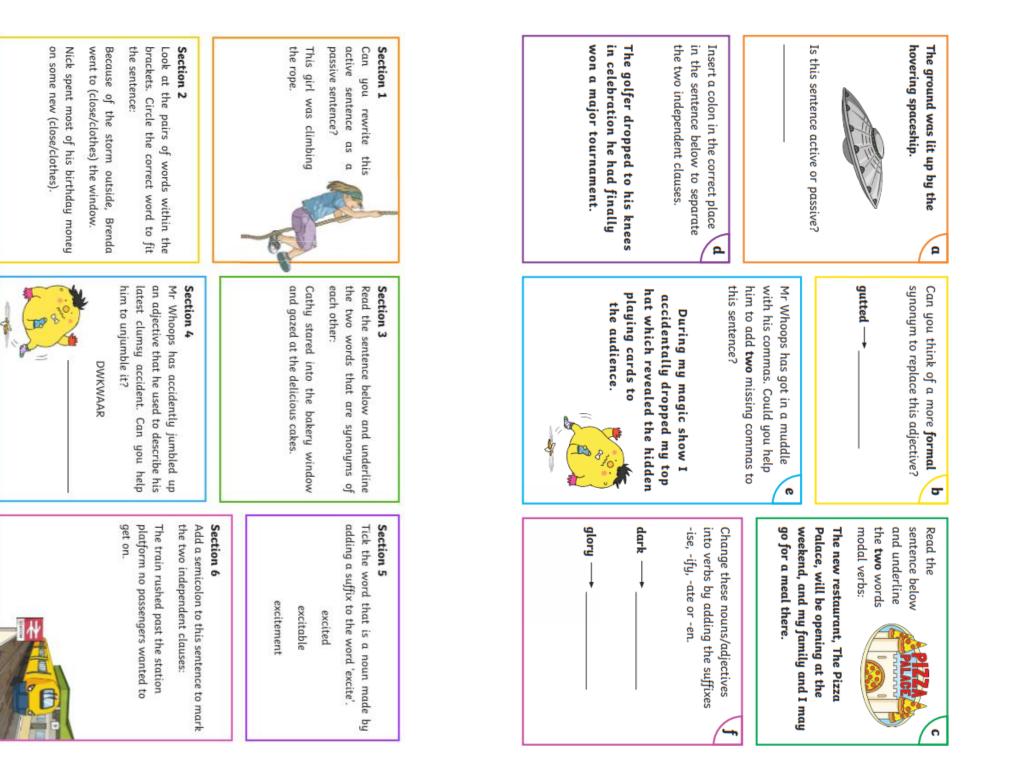
Esther has labelled the bases and heights for four parallelograms.

Three are correct; one is incorrect. Tick the shapes that have been correctly labelled.



Explain to a partner why one is incorrect.







2) Morning maths

English

....

0

More DADWAVERS!

We have used DADWAVERS! in class as a way of making our writing more interesting.

I've started a story - which DADWAVERS! Sentence openers have I already used? Can you finish the sory using the missing DADWAVERS!

STEM/Creative

Seeds Dispersal

When plants make seeds to grow into new plants, they are spread far away from the plant. But how do plants spread their seeds?

Find out as much as you can about how seeds travel away from plants. Make a poster to show the different ways seeds travel. Here's a picture to help get you thinking!

<u>Volume of a cuboid</u> Watch the video – remember to pause and try the calculations and problems when you are asked to.

5-a-day

3) Independent Reading - 30 minutes

Maths

1) TTRockstars - 30 minutes

4) Spelling - 20 minutes

5) P.E. - Joe Wicks workout

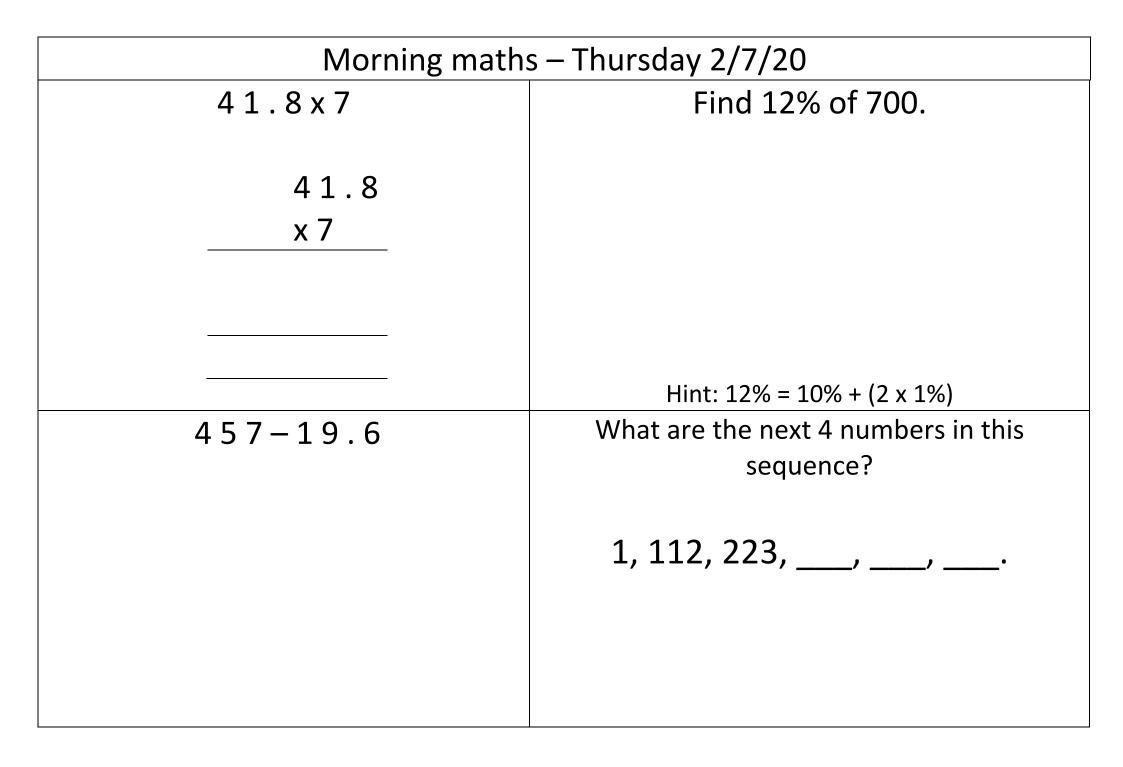
Then try the workaheet before you check your answers

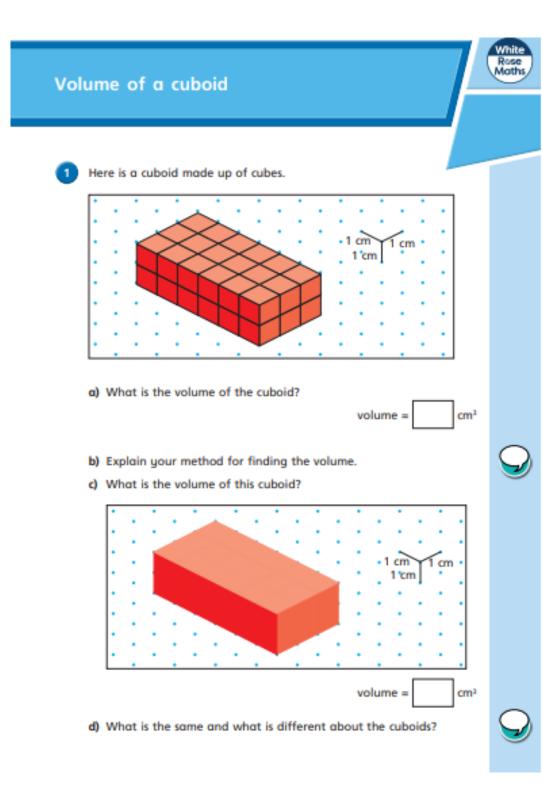
If you get stuck don't forget to send me or Mr. Bright a dojo message. <u>Video</u>

<u>Worksheet</u>

sneet

<u>Answers</u>



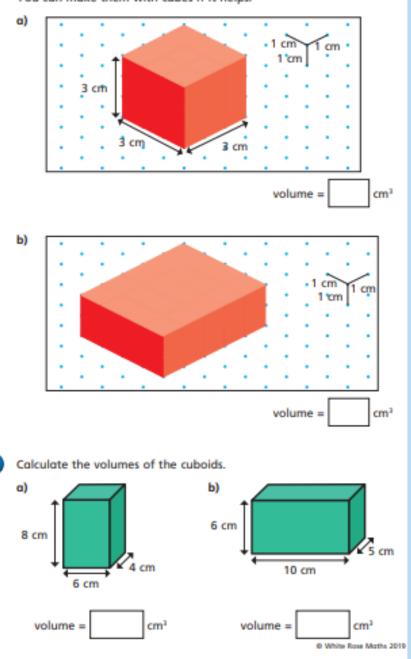


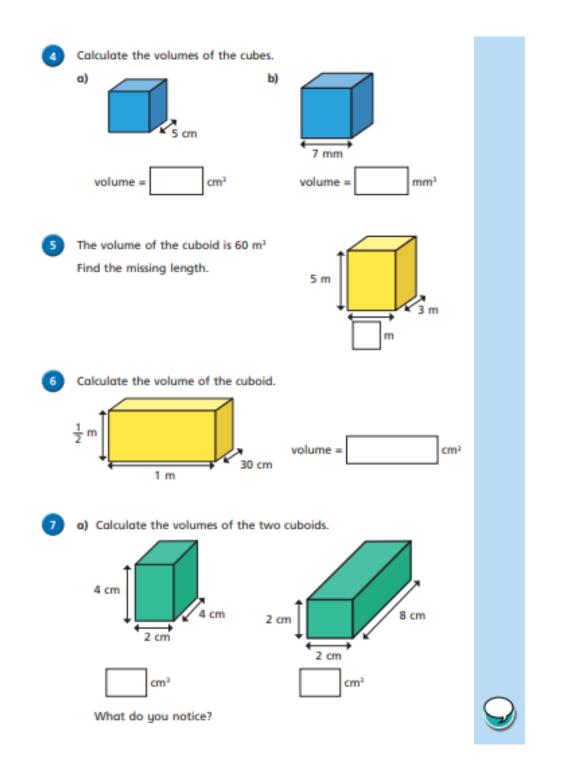
Find the volume of the cuboids.

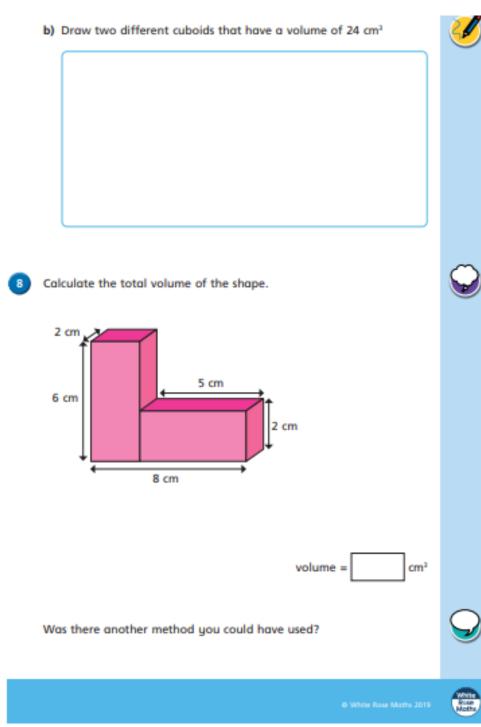
2

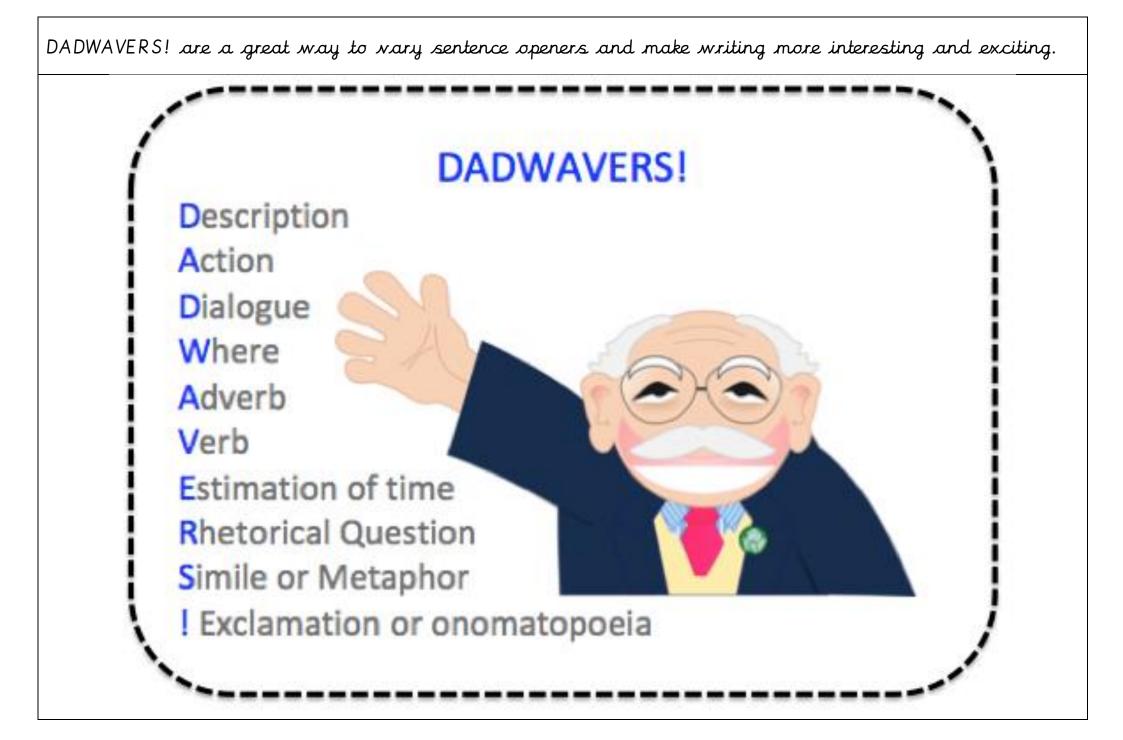
з

You can make them with cubes if it helps.

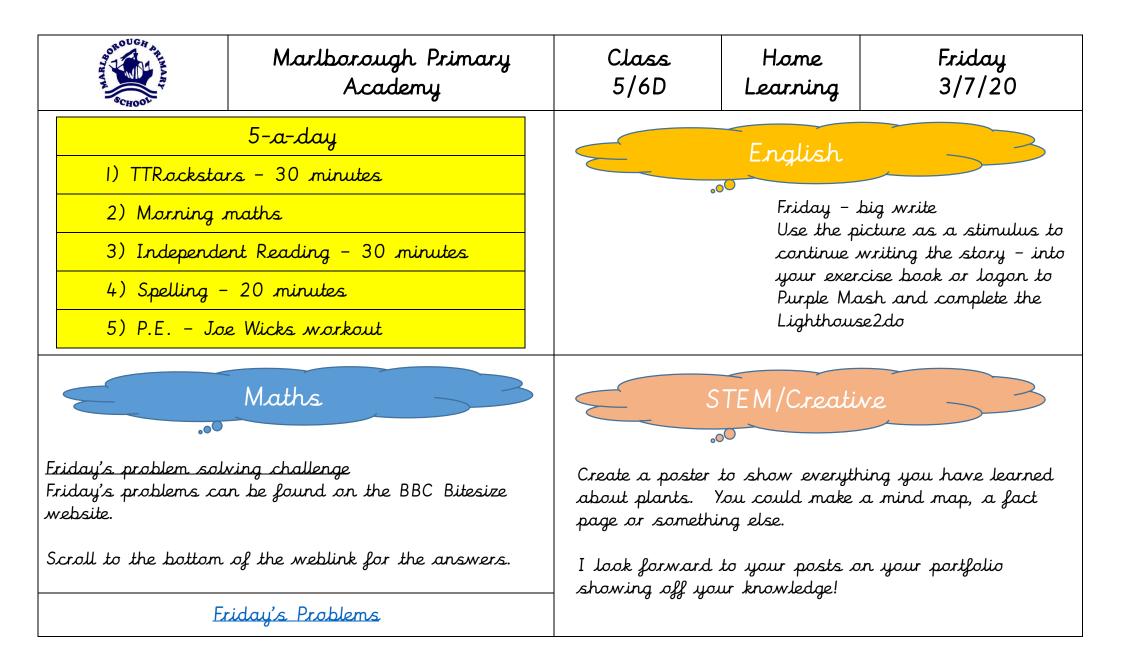


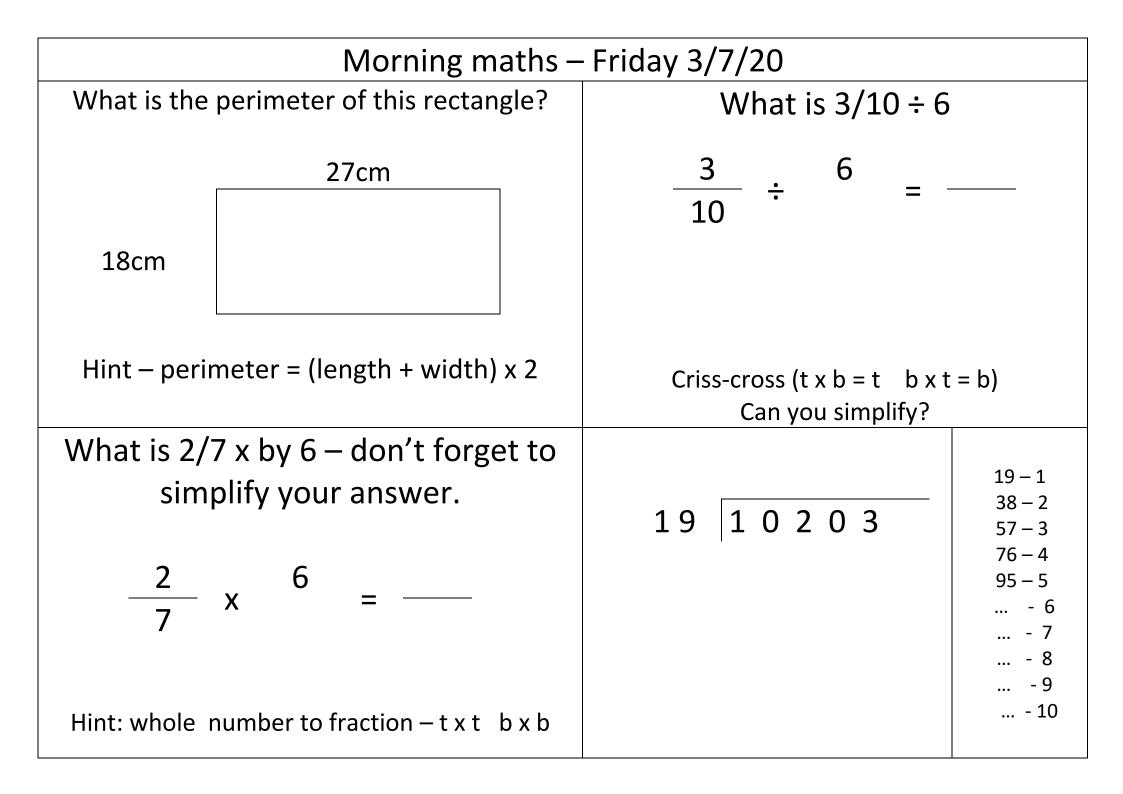




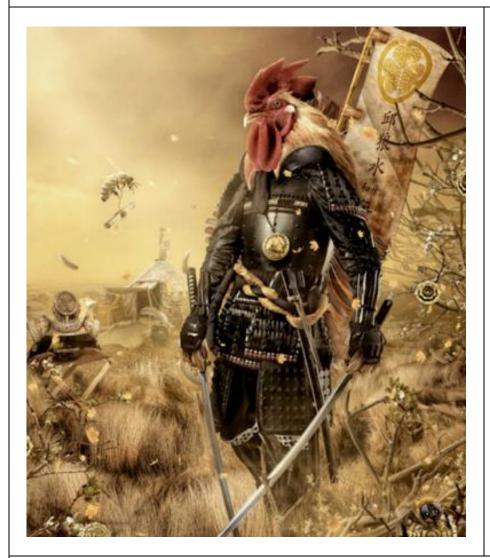


D									floor .	jirr-pim	Like a	hong w	Breathi	Which
Α									length r	pht blac	shadow	ould th	Breathing nervously,	DADWA
D									abe the	mid-night black garder.	r, ane a	ey keep		/ERS! H
٤									creaturi		y his h	up the ,	James e	lawe I c
Þ									floor length robe the creature paused just in front of his hiding place.	Tall, thin and covered completely in	Like a shadow, one of his hunters prowled silently closer across the	long would they keep up the search before he could return home?	James edged even further under the hedge.	Which DADWAVERS! Have I already used?
<									d just i	d cover	vrowled	before h	en furth	used? U
m									r front .	ed comp	silently	e could	ver unde	Use the rest to
R									of his I	in gradient	closer ,	return .	r the he	est to f
S									hiding f	n a hooded	across.	hame?	edge. Haw	firish.
•—									vlace.	nded	the		WC	





Friday – big write – finish the story in your exercise book



Story Starter

The scroll had arrived; carrying the news he had been dreading. Patiently, the messenger beat his wings, hovering, waiting for further orders.

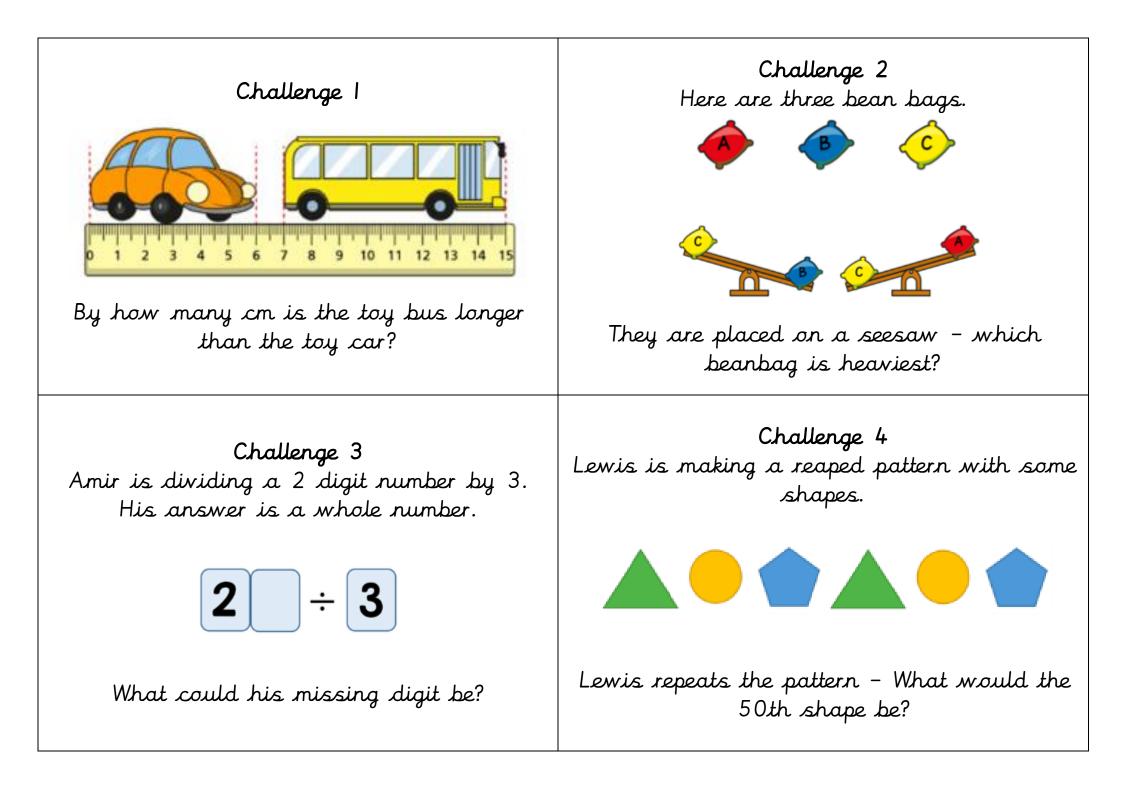
He took a moment for the news to sink in. The time for talking was over.

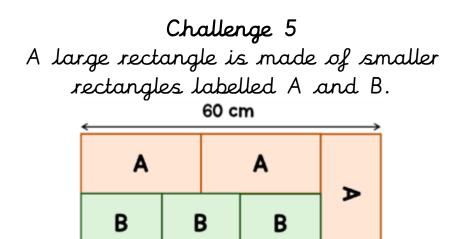
He felt a knot of fear in his stomach, but this fear was a good sign. Fear meant he was alert. Fear meant his mind was sharp.

As he stepped forward boldly, a sign of his confidence in his own strength, bright rays of morning sunlight glistened and danced across his midnight black armour. Honour, loyalty, courage: these were the values of the samurai, and they meant more to him than anything.

It was time...

How many DADWAVERS! can you use in your story? - Cross them off as you write.





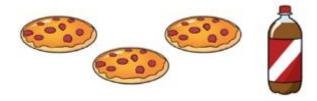
The length of A is double the width of B. Find the area of rectangle B.

Challenge 7

A barrel is half full of water. 12 litres of water are poured out. The barrel is now 1/5 full. How much does the full barrel hold?



Challenge 6 Mina buys three pizzas and a bottle of cola.



A pizza costs £3.20 more than a bottle of cola. The total cost is £19.40. How much does one pizza cost?

The answers can be found at the bottom of this webpage.

https://www.bbc.co.uk/bitesize/articles/ztcsm39

This week's web-links							
Monday Maths Video	https://vimeo.com/430339457						
Monday Maths worksheets	https://resources.whiterosemaths.com/wp-content/uploads/2020/06/Lesson-1-Area-and-perimeter.pdf						
Monday maths answers	https://resources.whiterosemaths.com/wp-content/uploads/2020/06/Lesson-1-Answers-Area-and-perimeter.pdf						
Tuesday Maths - video	https://vimeo.com/430339609						
Tuesday Maths activity 1	https://resources.whiterosemaths.com/wp-content/uploads/2020/06/Lesson-2-Area-of-a-triangle-3.pdf						
Tuesday Maths answers	https://resources.whiterosemaths.com/wp-content/uploads/2020/06/Lesson-2-Answers-Area-of-a-triangle-3.pdf						
Wednesday Maths - video	https://vimeo.com/430339748						
Wednesday maths – activities 1	https://resources.whiterosemaths.com/wp-content/uploads/2020/06/Lesson-3-Area-of-a-parallelogram.pdf						
Wednesday maths answers	https://resources.whiterosemaths.com/wp-content/uploads/2020/06/Lesson-3-Answers-Area-of-a-parallelogram.pdf						
Thursday maths – video	https://vimeo.com/430339843						
Thursday maths worksheet 1	https://resources.whiterosemaths.com/wp-content/uploads/2020/06/Lesson-4-Volume-of-a-cuboid.pdf						
Thursday maths answers	https://resources.whiterosemaths.com/wp-content/uploads/2020/06/Lesson-4-Answers-Volume-of-a-cuboid.pdf						
Friday Maths	https://www.bbc.co.uk/bitesize/articles/ztcsm39						
Friday Worksheet							