Year 5 - Home Learning Project - Week 12 - 06/07/2020: Perilous Peaks

Daily activities:

English worksheet	Maths	Reading Plus	TTRS and Numbots	PE session	A Topic activity
and tasks	Complete the White	Log into <u>Reading Plus</u> and	Working on Times Table Rockstars	Join Joe Wickes live	from the choices
Look at 'The	Rose Maths tasks at the	complete your weekly	- Can you complete all the set	every Mon, Weds and	below.
House in The	end of this document - 1	reading comprehension	games and challenge somebody in	Fri morning @ 9:00am	Try to complete all
Rainforest' and	per day. Ensure you	tasks and vocabulary tasks.	our school? Are you winning in the	or access it any time	of the tasks and
complete the	watch the video before	Site code: rpendea2	current Battle of the Bands?	throughout the day.	send your work to
tasks below.	you complete the task.			- ·	your teacher.
					•

This week's themed learning is based around our <u>new topic</u> of **Perilous Peaks**.



<u>Geography: Would you</u> <u>live on a mountain?</u> Mountains are some of the most picturesque

areas in the world. It has been estimated that 12% of the world's 6.8 billion people live in mountain areas. That means there is about three-quarters of a billion (seven hundred fifty million) people living in mountain areas.

The Alps are the most densely populated mountain area in the world with thirteen million people living there!

People, as well as other animals and plants, have adapted to living in high altitudes for example: The South American Uru tribe have larger hearts and lungs to breathe the thin air at high altitudes.



<u>History: The Mass</u> <u>Trespass of Kinder Scout</u> On 24 April 1932, hundreds of ramblers from Manchester and Sheffield

set off for the highest point in the Peaks. They wanted to highlight the unfairness of their limited rights to access an outstandingly beautiful area of countryside which was rarely farmed by its wealthy owners but instead kept only for occasional grouse (bird) shooting. The walk would go down in history as the Kinder Scout Mass Trespass of 1932 (named after the area), and would later be seen as one of the most important moments in the struggle for public access to private land.

Read more about it on the <u>National Trust</u> website.



Religion: Places of Worship A place of worship is a

specially designed structure or space where individuals or a group of people come to perform acts of devotion, respect or religious study. Think about the following questions and write a clear explanation. **Q1:** Can you think of the different places of worship you have studied? Write the place of worship for the following religions - Hinduism, Judaism, Christianity, Islam, Buddhism, Sikhism

Would you choose mountain living as a way of life? What are the advantages and disadvantages of living on a mountain? Read through the descriptions <u>here</u> and <u>here</u> and then complete the template below to list the pros and cons. After this, write a paragraph to explain if you would like to live on a mountain or not.	Look at the route the original protestors took. In stages 3, 5 and 6 what differences are there between the route in 1932 and the route today? You can read more detail about the event below. When you are finished reading, imagine that you were there as a reporter. Write a newspaper report describing the events. (template below)	Q2: What do you believe to be the most important function of a place of worship? Why? Explain your answer.
---	--	--

Science: Sir David Attenborough



Sir David Attenborough is an English broadcaster and natural historian. He is best known for writing and presenting, in conjunction with the BBC Natural History Unit.

Did you know? He's thought to be one of the most well-travelled people on the planet? For The Life of

Birds documentary, he travelled a whopping 256,000 miles – that's the same as travelling around the world ten times! He is also the only person to have won BAFTAs for programmes in black and white, colour, HD, and 3D.

<u>Task1</u>: find out more about David Attenborough by watching this video made for his 90th birthday celebrations. Make notes as you watch to collect more information.

Task 2: Read the information on David Attenborough below and answer the questions about his life

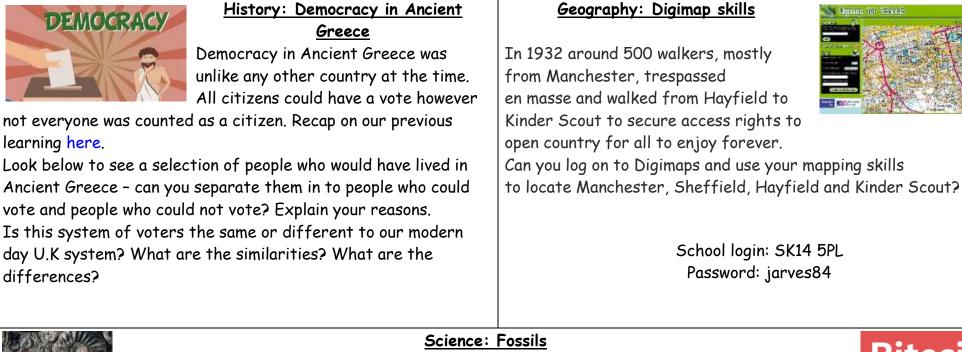
<u>Task 3</u>: What did David Attenborough do for science? Find out more here. How did this great natural historian shape our knowledge of the natural world? Imagine someone who didn't know who David Attenborough asked you about what he did.

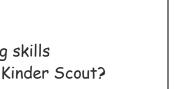
Write a paragraph to explain the important advancements Attenborough made to science and the wider world.

ST ASA	<u>Spanish: Food</u>	English Grammar: Embedded and relative clauses						
	We've explored Spanish food this year and learned lots of vocabulary for fruit and vegetables (frutas y verduras). This week we'd like you to Spanish dish called Pan con tomate y sipe on <u>BBC Bitesize</u> and practise the	Relative clauses add information to sentences by using a relative pronoun such as who, that or which. The relative clause is used to add information about the noun, so it must be 'related' to the noun. For example: Rachel liked the new Trolls movie, which was very funny.						

work when you're finished. Don't worry if you can't get the ingredients, you can still read and practise the recipe. What other typical Spanish dishes can you find out about? (There is a printable version of the recipe below)	A relative clause can also be an <u>embedded clause</u> if it is positioned in the middle of a sentence For example: Mohammad, who scored the winning goal, was congratulated by his team. Take a look at further examples of sentences with relative and embedded clauses below and then practise writing some of your own with the correct punctuation.

Sticky Knowledge (remembering our previous learning):





Bitesize

Take a look at <u>BBC Bitesize</u> on the 30^{th} of June where you can find David Attenborough teach a science lesson on dinosaurs and fossils.

Website links mentioned above:

<u>https://www.moving.com/tips/the-pros-and-cons-of-living-in-the-mountains/</u> - Geography living on a mountain pros and cons <u>https://www.discoveravalon.life/advantages-and-disadvantages-of-living-in-the-mountains/</u> - Geography living on a mountain pros and cons

<u>https://www.nationaltrust.org.uk/kinder-edale-and-the-dark-peak/trails/kinder-scout-mass-trespass-walk</u> - History - Kinder Scout Trespass

https://www.bbc.co.uk/bitesize/topics/zv4d7sg/articles/z6knf4j - Spanish Food

https://www.youtube.com/watch?v=z0B4KEXVago - Science David Attenborough Interview

https://www.bbc.co.uk/iplayer/episode/p089zkjn/bitesize-79-year-olds-week-9-2-fossils - BBC Bitesize David Attenborough lesson

<u>https://www.bbc.co.uk/teach/nine-astonishing-ways-david-attenborough-shaped-your-world/z4k2kmn</u> - What did David Attenborough do for us?

<u>https://greece.mrdonn.org/athensdemocracy.html</u> - Sticky Knowledge History

Advantages of living on a mountain	<u>Disadvantages of living on a mountain</u>

Geography: Would you live on a mountain?

History: Kinder Scout Trespass 1932

At the time of the Trespass in 1932, large parts of the English countryside had been closed off to the public and had become private land for wealthy landowners. Previously, the countryside had been open to all people to enjoy walks and fresh air out of the smoky cities. Many people also grazed their animals on the hills and relied on the land to survive and make a living.

In 1932, after repeated attempts in parliament to return the land to the public had failed, a group of people came up with the idea of a mass trespass of Kinder Scout.

The trespassers gathered at an old quarry a short distance away in the direction of the open moors. They arrived there at a route which police cars could not reach. In the quarry, Rothman, one of the leaders, addressed hundreds of ramblers ready for confrontation.

Many years after the protest Rothman described the moment when he clambered up to speak to the crowd in 1932:

"There were hundreds of young men and women, lads and girls, in their picturesque rambling gear: shorts of every length and colour, flannels and breeches, even overalls, vivid colours and drab khaki ... multi-coloured sweaters and pullovers, army packs and rucksacks of every size and shape."

The plan was for the trespassers to head northwards past the Kinder Reservoir, walking down an area which had right-of-way area up to William Clough, a peak which offered stunning views over Manchester and Cheshire. The ramblers would then break off to charge up the prohibited Kinder moorlands.

Once they reached William Clough, two piercing whistles from the trespassers sounded. By then, the skyline was riddled with a large number of gamekeepers, many armed with large sticks. Following a third whistle, the trespassers began running up the hill towards those protecting private property. Brief but violent scuffles ensued between the ramblers and gamekeepers, in which the trespassers emerged victorious; running through prohibited land together, singing "The Red Flag" and "The Internationale," they met fellow ramblers from Sheffield on the "other side" who had succeeded in reaching the plateau.

While the protest didn't change things immediately and there were even some arrests of protestors it eventually led to the National Parks legislation in 1949 and helped to pave the way for the start of the famous Pennine Way walk. The protest also made people look much more closely at how access to land should be shared.

The National Trust have created a trail so that ramblers can walk in the footsteps of the trespassers and enjoy what others fought so hard for.

Each year a combination of wardens and rangers from both The National Trust and the Peak District National Park Authority hold a walking event to mark the anniversary of the trespass.

A commemorative plaque marks the start of the trespass at Bowden Bridge quarry near Hayfield, now a popular area for ramblers. It was unveiled in April 1982 by Benny Rothman (then aged 70) during a rally to mark the 50th anniversary.

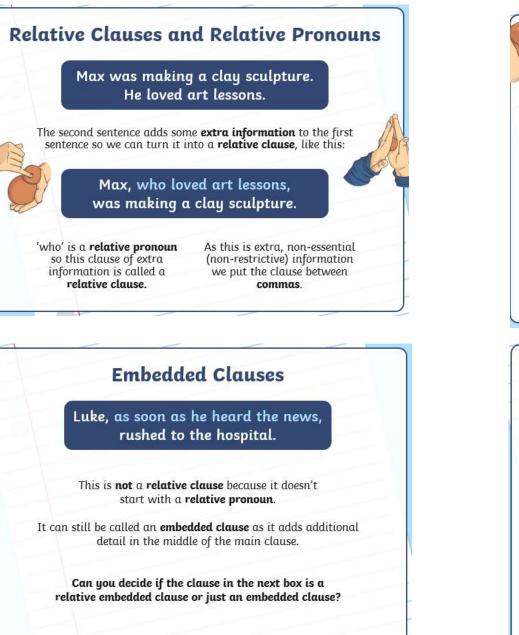
The second se	

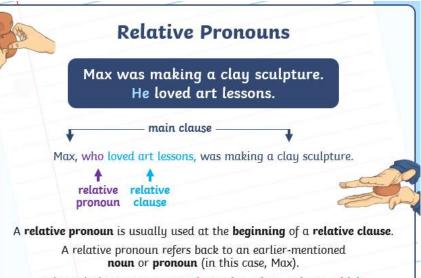
Spanish: Food





English Grammar: Relative clause or embedded clause?





Other relative pronouns are: that, who, whom, whose, which.

Relative Embedded Clause or Embedded Clause?

Reece, even though he hated films, went to the cinema.



It's an embedded clause!

This is just an **embedded clause** as it does not start with a relative pronoun.

English Grammar: Using commas for embedded clauses Look at the examples below and then rewrite the sentences to include an embedded clause with commas

When you first start to use paired commas it can be helpful to start the embedded clause with the words:

- Where: The city of New York, where you can see the famous Statue of Liberty, is an amazing place to visit.
- Who: Mrs. Smith, who was the reception teacher, was asked to take the whole-school assembly.
- Which: The city of London, which was where they first met, was the place they had chosen to get married.

When: Many years ago, when my parents were young, the Beatles were a very popular band.

1. The boy could play the piano.

2. The beach was hotter than ever.

3. The ball flew through the air.

4. The music gave me a headache.

5. The old lady waited for a taxi.

•

6. The bus went down the street.

Science: Sir David Attenborough

Sir David Attenborough

Sir David Attenborough is one of Britain's most famous and best loved TV presenters. He is a natural historian who has introduced generations of people to a variety of unknown species of animals from around the world. He has a distinctive and widely recognisable narrator's voice which people have come to both imitate and love.

David Frederick Attenborough was born 8th May 1926 in Isleworth, West London (the same year as Queen Elizabeth II). He had two brothers, the eldest of whom became an Academy Award-winning actor and director (Richard Attenborough). David and his brothers were raised on the campus of University College

in Leicester where their father was a university principal and writer.

Attenborough developed a fascination of the natural world and animals and by the age of seven, had gathered an impressive collection of bird eggs and fossils. Once he had finished school, David was awarded with a scholarship to study the natural sciences at the University of Cambridge. After graduating however, David was conscripted to serve for two years in the Royal Navy. He spent two years on a ship in North Wales and did not get to see the world as he had hoped.

In 1950, Attenborough married Jane Oriel and they had two children together. Sadly, Jane died in 1997 from a brain haemorrhage.

After the war ended, Attenborough returned to London and started working as an editor for an educational publisher. Shortly after, he began a training program with the BBC and in 1952, began working as a producer for the television station. This was the beginning of a remarkable career in television.

Interesting Fact

When David Attenborough started working at the BBC, he had only ever seen one television programme. He didn't even own a TV!

Sir David Attenborough

To begin with, however, it was not all plain sailing at the BBC. There were few programmes devoted to the natural sciences and those that involved animals did not film them in their natural environment. This troubled Attenborough and so in 1954, he launched a series titled 'Zoo Quest'. 'Zoo Quest' filmed animals both in captivity and the wild, enabling viewers to see animals in their natural habitat in sometimes far off and exotic locations. The show was incredibly successful.

After leaving the BBC to study social anthropology at the London School of Economics, Attenborough was asked to return in 1965

> when BBC Two was created. Here, he worked as both controller and director of programming and continued to bring viewers educational and fascinating programmes about nature and history. However, in order to follow his dreams into the wild, Attenborough resigned from the BBC once again in 1972.

Attenborough began to write and produce TV series' independently as a freelancer. His most successful of all was his program 'Life on Earth' which first aired in 1976. 'Life on Earth' was a series of 96 episodes that explored

wildlife and the evolution of nature around the world.

At the height of its popularity, around 500 million people tuned in to watch the show.

More recently, Attenborough's 'Planet Earth' has become the biggest wildlife documentary ever made and was the first show to air in HD (High Definition) on the BBC.

Attenborough has gained many awards throughout his career. He has at least 31 honorary degrees from British universities, has won several BAFTAs and Emmys and in 1985, he received a knighthood from the Queen, earning the title of Sir David Attenborough. Most fittingly of all perhaps is that Sir David Attenborough has several species of plants, insects and birds named after him such as the Nepenthes attenboroughii – a giant carnivorous plant that devours animals such as rats. Did You Know ...?

There is only one animal that Sir David Attenborough does not like... rats!



Sir David Attenborough is truly a great Briton and has made huge and significant contributions to our understanding of nature and the need to care for it. Despite being in his mid-nineties, Attenborough is a leading figure in the fight against plastic pollution, deforestation and other issues that are having an irrevocably damaging impact on our planet.

The question is, are we happy to suppose that our grandchildren may never be able to see an elephant except in a picture book?

Questions:

- 1. What career did David's brother, Richard Attenborough, pursue?
- 2. What sad event occurred in Attenborough's life in 1997?
- 3. When did Attenborough first start working for the BBC?
- 4. What difficulties did Attenborough face when he first started working for the BBC?
- 5. What did Attenborough study at the London School of Economics?
- 6. Explain what freelance work Attenborough did.
- 7. If you were Sir David Attenborough, which of your achievements would you be most proud of and why?
- 8. Explain what you think Attenborough meant when he said, "The question is, are we happy to suppose that our grandchildren may never be able to see an elephant except in a picture book?"

History Sticky Knowledge - Who could vote in Ancient Greece? Why?Why not?



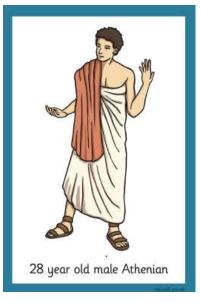














English Home Learning Y5

<u>06/07/2020</u> -

Introduction.

Each week you will receive a set of English tasks. You should aim to complete one each day. Spending about 30 minutes on the picture and question time task, 45 minutes on writing and at least 20 minutes on grammar and spelling.

It is fine for you to ask for help from parents, siblings or your teacher through teams.

If you love reading and writing and want more of a challenge you can keep writing stories based on your own ideas or other books you have read. You can explore

<u>www.lovereading4kids.co.uk</u> or <u>www.newsela.com</u> to find more extracts to read and write about.



Trapped

<u>Monday 6th July 2020 Question Time</u> <u>Year 5 - Trapped - Day 1</u>

Question time

Do you prefer summer or winter?

Is it easier to keep yourself warm in a cold place, or keep yourself cold in a warm place?

How would you feel if you could only move your eyes? What would life be like?

Could you think of a way to communicate if you could only use your eyes?

<u>Tuesday 7th July 2020</u> Sick Sentences <u>Year 5 - Trapped - Day 2</u>

Sick sentences

These sentences are 'sick' and need help to get better. Can you help?

The man was scared. He tried to move but could not. His mind raced.

<u>Wednesday 8th July 2020 Grammar Sentence Challenge</u> <u>Year 5 - Trapped - Day 3</u>

Sentence challenge

Can you write a sentence containing a relative clause?

E.G. The figure, who found himself completely trapped, started to panic.

It splits the main clause.

The clause begins with 'who', 'which' or 'with'.

It must supply an extra bit of information to the sentence.

Commas should surround the clause.

Recap relative clauses here https://www.bbc.co.uk/bitesize/topics/zwwp8mn/articles/zsrt4gt

<u>Thursday 9th July 2020</u> Story Starter <u>Year 5 - Trapped- Day 4</u>

Story starter

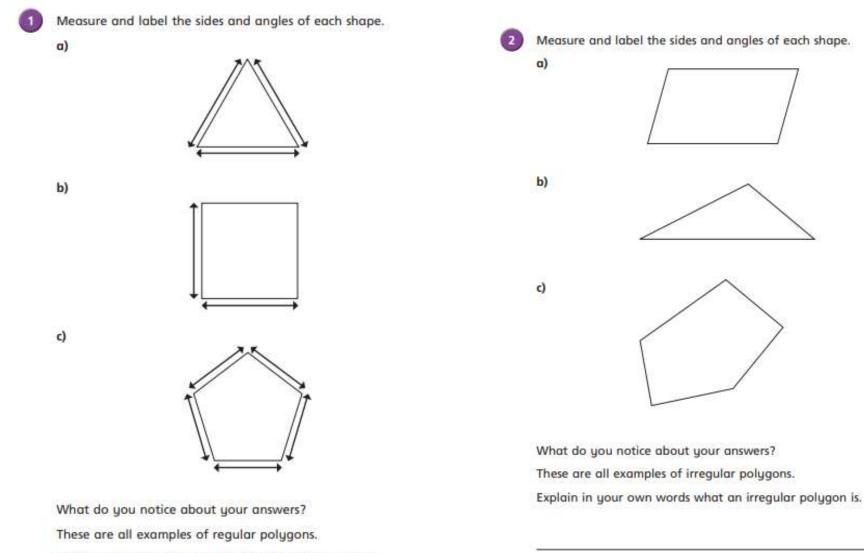
His eyes blinked. They were the only part of his body that he could move: he was entombed in ice, and had been for some time. The person that had put him here was far away by now.

Glancing around in desperation he tried to move his aching body, but it was no good - there didn't seem to be a way out. Time was slipping away... He had to escape. If he didn't, then darkness would cover the world...

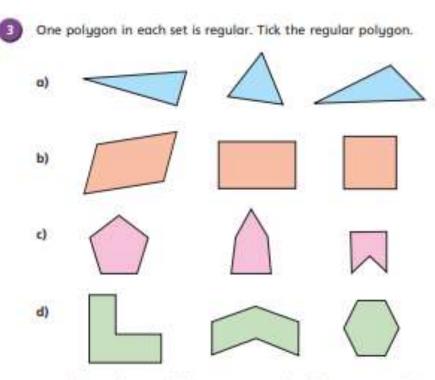
<u>Friday 10th July 2020</u> Spelling <u>Year 5 - Trapped - Day</u>

bruise	category
committee	communicate
competition	conscience
controversy	convenience
	committee competition

Year 5 Home Learning – Maths Lesson 1: Regular and irregular polygons - Monday 6th July 2020 Please watch the video first: <u>https://vimeo.com/434626861</u>



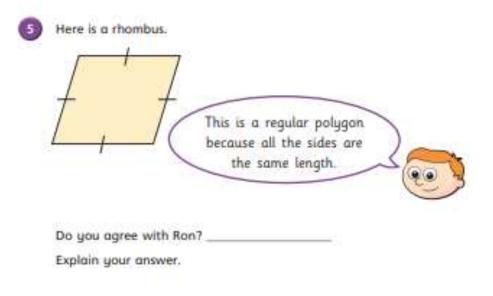
Explain in your own words what a regular polygon is.

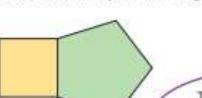


How did you know which one was regular without measuring?



Draw two regular and two irregular polygons on the grid.





Eva has drawn a square and a regular pentagon.

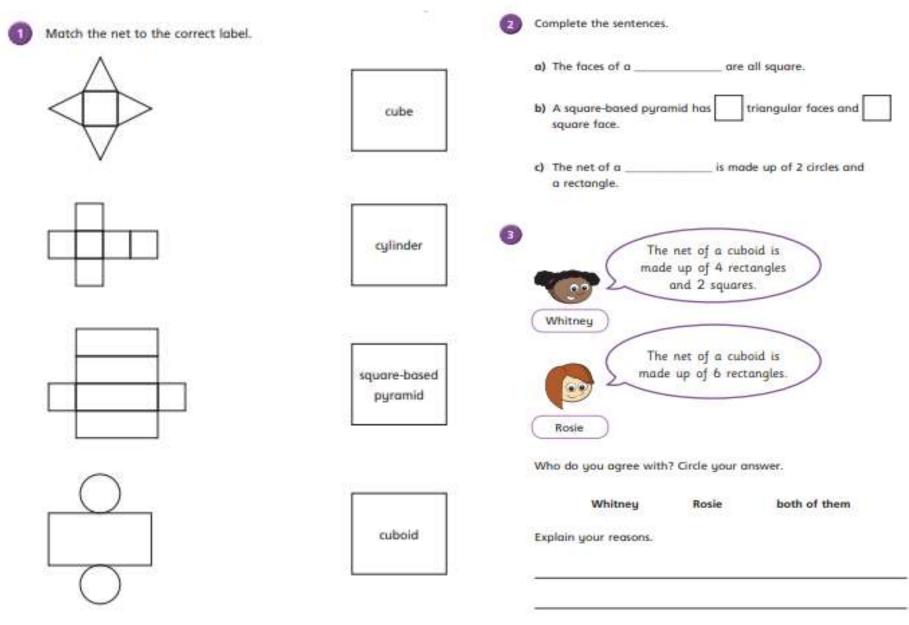
The compound shape is regular because both of the shapes I drew were regular.

Do	you	agree	with	Evo?
	10.00			

Explain your answer.

Home Learning – Maths Lesson 2: Reasoning about 3D shapes- Tuesday 7th July 2020

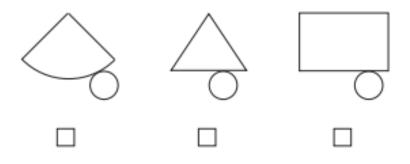
Please watch the video first: <u>https://vimeo.com/434626976</u>





5

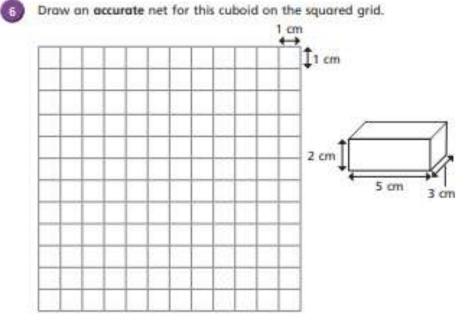
Tick the diagram that is the net of a cone.



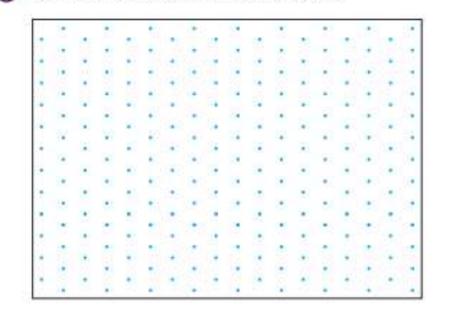
Compare answers with a partner.

Draw the net for a triangular prism on the squared grid.

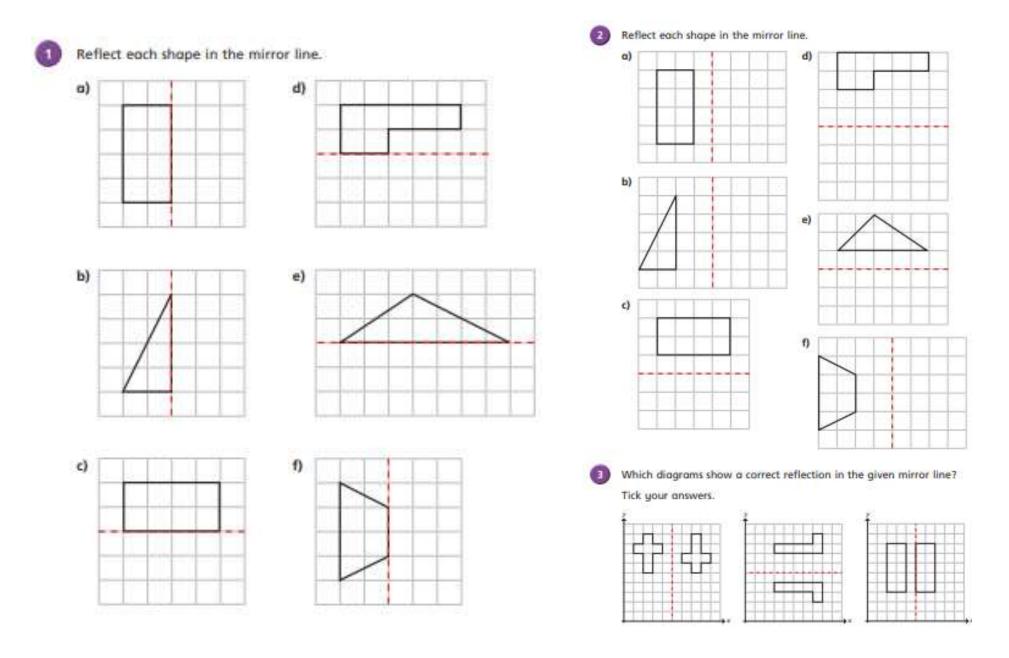


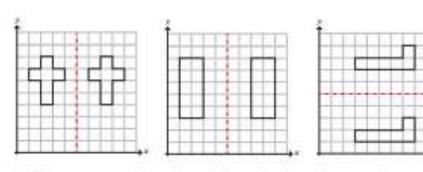


Draw two different cuboids on the isometric paper.



Year 5 Home Learning – Maths Lesson 3: Reflection – Wednesday 8th July 2020 Please watch the video first: <u>https://vimeo.com/434627078</u>



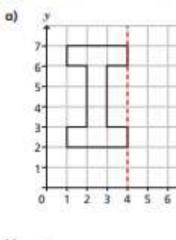


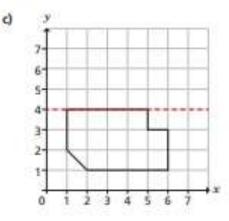
Talk to a partner about the mistakes that have been made.

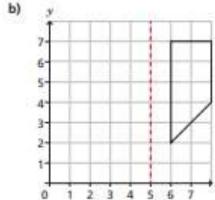


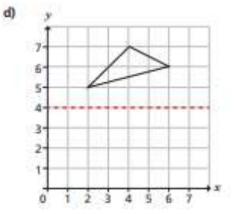
Reflect the objects in the given mirror lines.

7





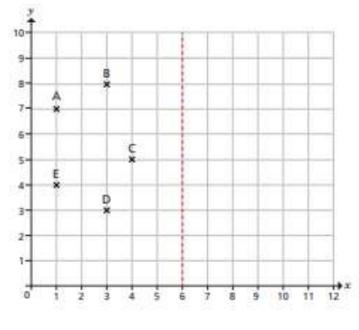






5

Five points are plotted on a coordinate grid.

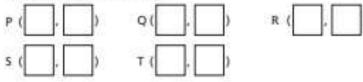


a) Join the points to form a polygon. This is the object.

What type of polygon is the object?

- b) Reflect the object in the given mirror line. What type of polygon is the image?
- c) Label the reflected vertices P, Q, R, S and T.

Write the new coordinates.



d) The image and the object are identical polygons.

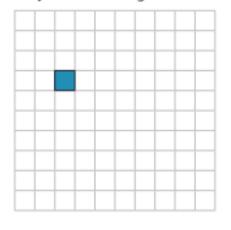
Is this statement true or false?

Talk about it with a partner.

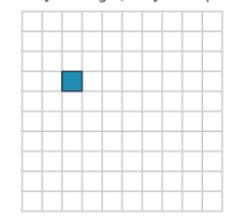
Year 5 Home Learning – Maths Lesson 4: Translation – Thursday 9th July 2020 Please watch the video first: <u>https://vimeo.com/434627281</u>

Complete the translations.

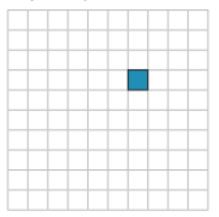
a) Translate the shape
4 squares to the right.



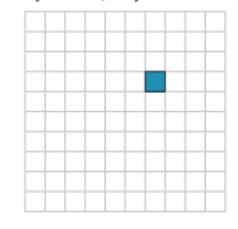
c) Translate the shape
 4 squares right, 2 squares up.

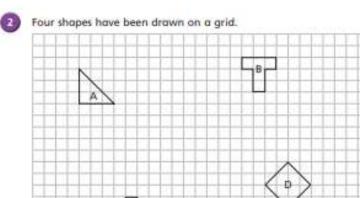


b) Translate the shape 2 squares up.

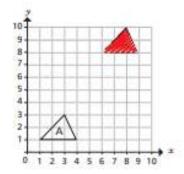


d) Translate the shape 3 squares left, 5 squares down.

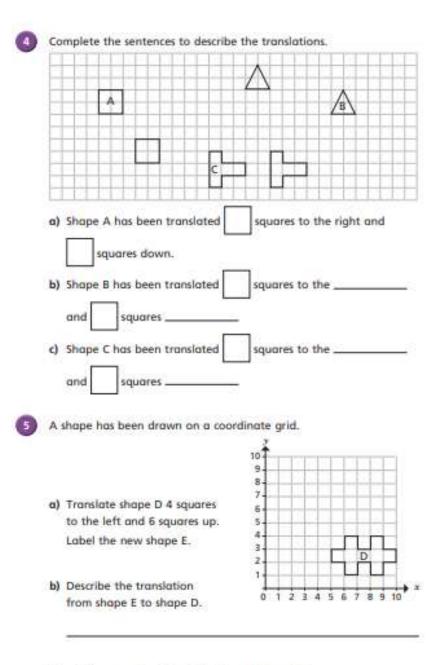




- a) Translate shape A 5 squares to the right and 3 squares down.
- b) Translate shape B 4 squares to the left and 7 squares down.
- c) Translate shape C 6 squares to the left.
- d) Translate shape D 4 squares to the right and 8 squares up.
- Dora has translated triangle A 2 squares to the right and 7 squares up.

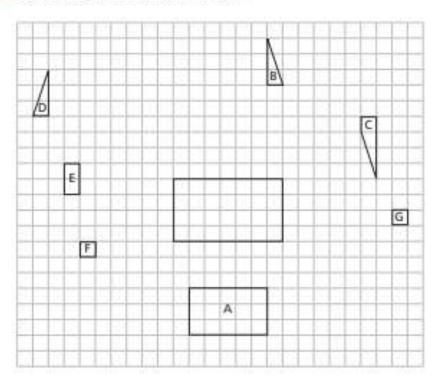


Is Dora's drawing correct? _____ Explain why.



What do you notice? Does this always happen?

Eight polygons are drawn on the grid.



a) Translate shape A 10 squares up.

b) Translate shape B 6 squares down.

c) Translate shape C 6 squares left.

d) Translate shape D 9 squares to the right and 4 squares down.

e) Translate shape E 10 squares to the right and 3 squares down.

f) Translate shape F 7 squares to the right and 3 squares up.

g) Translate shape G 9 squares to the left and 1 square up.

Year 5 Home Learning – Maths Lesson 5: Friday challenge – Friday 10th July 2020

Challenge 1

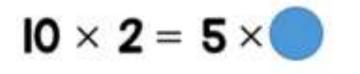
30 cakes are arranged in an array. Some of the cakes are hidden.



How many cakes are hidden?

Challenge 2

Work out the missing numbers.



10 + 2 = 5 + 🔺

10 ÷ 2 = 5 ÷

10 – 2 = 💛 – 5

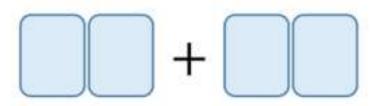
Challenge 3

Danni has these four digit cords.



Danni uses all four cards to make two 2-digit numbers.

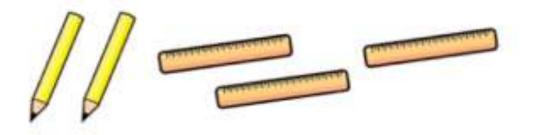
She then adds the two numbers together.



What is the greatest total she can make?

Challenge 4

Sonny buys 2 pencils and 3 rulers.



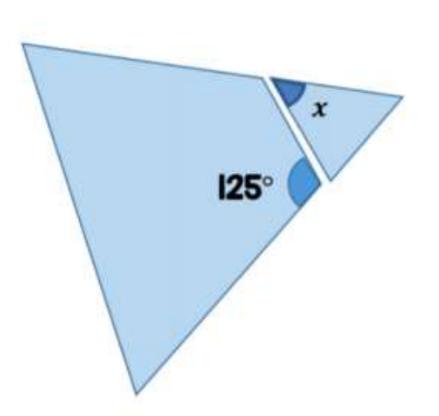
Each pencil costs 69p.

Sonny pays with a £5 note and receives £1.07 change.

How much does a ruler cost?

Challenge 5

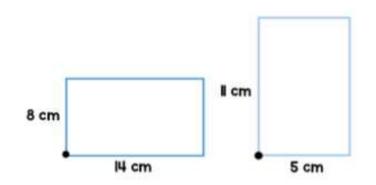
Adam has an equilateral triangle. He cuts a corner off the triangle. Here are the two pieces.



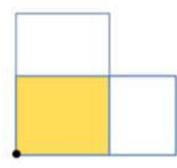
What is the size of the angle marked x?

Challenge 6

Here are two rectangles.



The two rectangles are put on top of each other. They are lined up so the black circles overlap. The shaded area shows where the two rectangles overla



What is the area of the non-shaded parts of the shape?