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# Home Learning Pack Year 4

Week 4

11/05/2020

Classroom  
secrets★

KIDS



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# Monday – Correspondence Problems

1. Mr Hill has five different-coloured stickers that he uses in class. Each colour comes in a different design. Mr Hill thinks he can make 11 combinations.

Sticker colour			Sticker design
			smiley face
			books
			animals
			star
			flag
			cake

$5 + 6 = 11$   
combinations

Correct the mistake(s) above to show how many combinations he can use in total.

2. There are three shops each with three shelves of different food. Find the odd one out in the total number of different combinations of food at each stall.

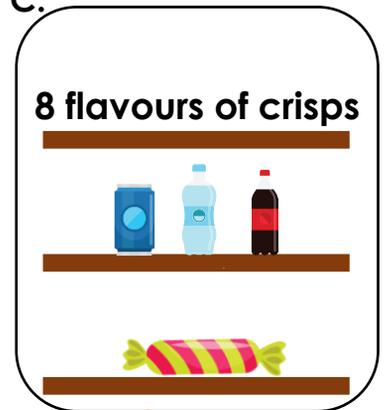
A.



B.



C.



3. Rupert has 15 Prodeemon cards which come in 3 varieties – normal, shiny and legendary. He has to pick one from each category for a Prodeemon battle.



All of my cards are different. I have 6 normal cards, 4 shiny cards and 5 legendary cards. I can take one of more than 100 combinations into battle.

Is Rupert correct? Explain your answer.

# Monday – Using Similes and Metaphors

1. Put an 'm' next to the sentences using a metaphor and an 's' next to those using similes.

A. The sofa cushion was as hard as nails.

B. The moonlight danced happily on the ocean waves.

C. My grandma has a heart of gold.

D. The athlete ran as fast as lightning so he could cross the finish line in first place.

2. Underline the similes and metaphors used in the sentences below.

A. The wind was as cold as ice as it roared through the trees.

B. The stars sparkled like diamonds in the blanket of darkness.

C. The river of tears flowed down Erica's cheeks as she listened happily to her mum sing like an angel.

3. Rewrite the sentences below changing the similes to metaphors.

A. Freddy is like a fish in the water.

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B. The teacher is as busy as a bee.

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Rewrite the sentences below changing the metaphors to similes.

C. The ballerina is a swan gliding across the stage.

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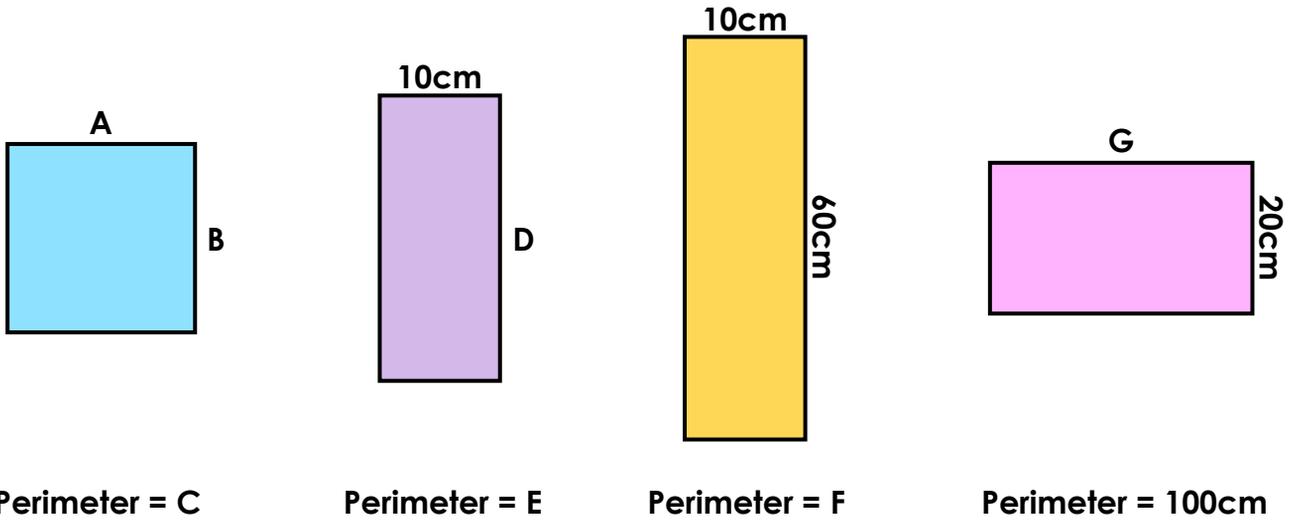
D. My grandfather is a wise owl.

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## Tuesday – Perimeter of a Rectangle

1. Hannah has a square and 3 other rectangles. She has written the perimeter of one rectangle underneath it.

Some information is missing but the total perimeter of all 4 shapes is 420cm.



*not to scale*

Using the information given, investigate what the missing values and the perimeters of each shape could be.

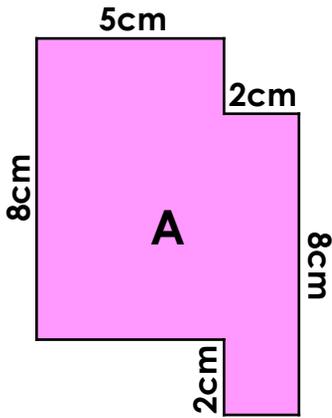
Letter	Missing Value
A	
B	
C	
D	
E	
F	
G	

Letter	Missing Value
A	
B	
C	
D	
E	
F	
G	

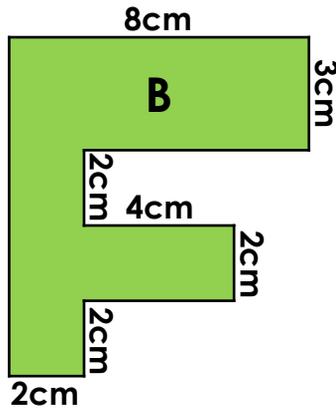


# Wednesday – Perimeter of Rectilinear Shapes

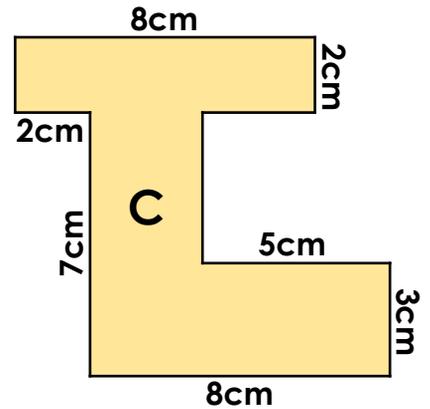
1. Match the shape to its perimeter.



44cm



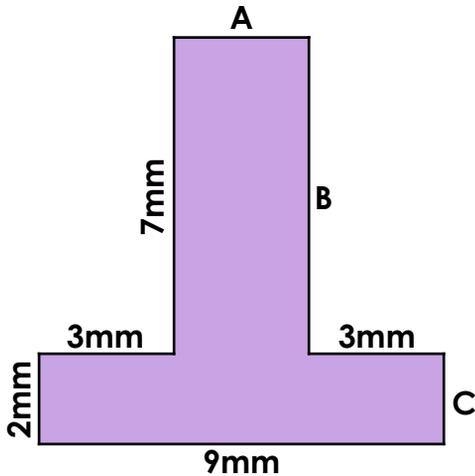
34cm



42cm

Not to scale

2. Put an 'X' next to the statements which are correct.



A. The perimeter is 40mm.

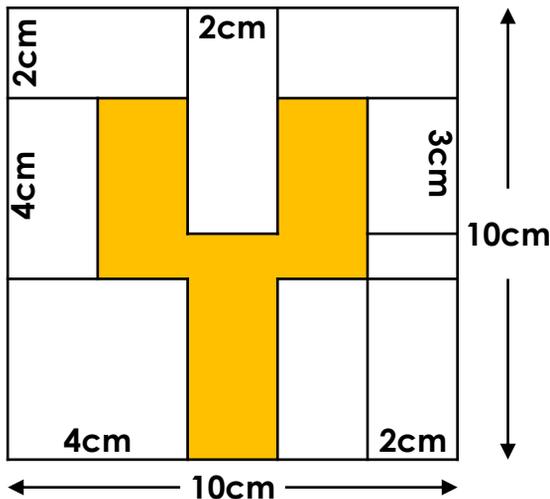
B. The length of side A is 3mm.

C. Side A is half the length of side B.

D. The total of sides A and C is 5mm.

Not to scale

3. Use the measurements of the rectangles to calculate the perimeter of the shape below.



Perimeter =  cm

Not to scale

# Wednesday – Improve Your Writing with Proofreading

## Editing Challenge:

1. Circle 12 missing capital letters in **blue**.
2. Mark 12 missing full stops in **red**.
3. Underline 20 spelling mistakes in **green**.
4. Mark 5 missing words in **purple**.
5. Mark 2 missing exclamation marks in **yellow**.
6. Mark 4 missing commas used to separate items in a list in **orange**.
7. Mark 3 missing apostrophes in **pink**.

## Wimbledon

Beginning in 1877, Wimbledon is the oldest tennis tournament the world. The Championships at Wimbledon are held wunce a year at the All England Club in Wimbledon, London. Many people consider it to be the most prestigious tennis tournament and its one of the four Grand Slam tennis tournaments. It takes place over 2 weeks late June and early July every year. Wimbledon is now the only major tennis tournament to be played on grass courts.

### The players

There are 5 main events that the players can participate in: Gentlemen's Singles, Ladies' Singles, Gentlemen's Doubles, Ladies' Doubles, and Mixed Doubles. There are always many more competitors playing in the Singles events. Players get into the tournament based on their performance in other tennis tournaments throughout the year. In addition, there are 8 wild card players (not automatically qualified) who have been picked by a committee. The rest of the players are selected from a qualifying tournament where they have to win 3 rounds.

### Tickets

Tickets to spectate at Wimbledon are very sought after. Recent figures suggest that there are four times the amount of people who apply for tickets than are available. As a result of this, the majority of tickets are sold by a public ballot where people apply for tickets and then are chosen at random by a computer. Disappointed fans, however, can queue up for tickets on the day but this usually involves camping out overnight.

### Traditions

There are many traditions upheld at Wimbledon. The traditional Wimbledon colours are dark green and purple. All players at Wimbledon, however, must wear all white when competing (including socks, hats, and shoes). Wimbledon is also famous for serving strawberries and cream. On average, they sell 140,000 portions of strawberries each year. Since 1907, they have been members of the Royal Family present at Wimbledon and every year the trophies are presented by the Duke and Duchess of Kent.

# Thursday – Counting Squares

1. Brad the Builder is designing a driveway.

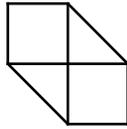
The customer has decided that they want to use a combination of bricks A, B and C to fill their drive.

Brad knows that the drive has a total area of 30 squares and is a rectilinear shape.



I need to make sure the combination of bricks that I choose covers the whole area of the drive!

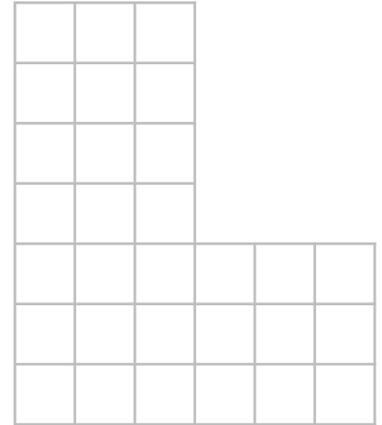
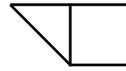
Brick A



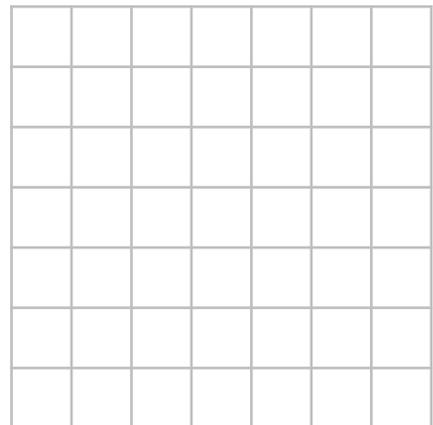
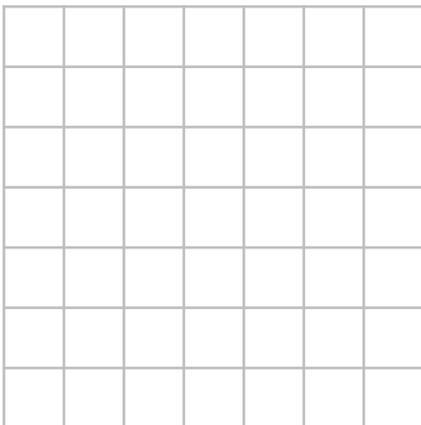
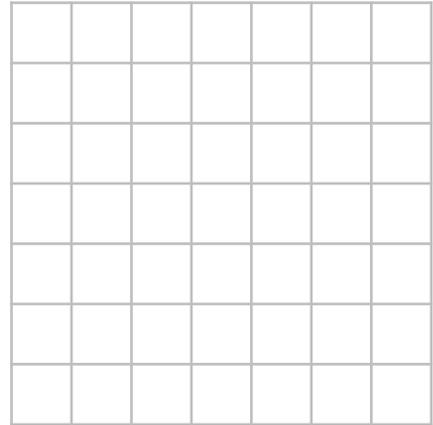
Brick B



Brick C



Investigate the different combinations of bricks A, B and C that can be used to cover the driveway. You can rotate the bricks to fit in the shape.



# Thursday – Using Suffixes

1. Add the endings to the words below to create a new word.

discuss	-sion	→	<input type="text"/>
divide	-sion	→	<input type="text"/>
envy	-ous	→	<input type="text"/>
outrage	-ous	→	<input type="text"/>

You may need to remove, add or change letters!

2. Circle the word that the ending -ous can be added to.

poison                      basic

Write the new word.

3. Underline the two words which do not have the correct suffix in the sentence below.

The famoose mathematician wrote the conclushun to her research paper.

4. Use your knowledges of suffixes to complete the table below.

root word	root word + suffix
courage	
	fusion
	furious
vary	
confuse	

5. Complete the sentence below using the correct words from the word bank.

It was a \_\_\_\_\_ mission and the \_\_\_\_\_ was heard for miles around.

dangerous	exploshun
dangerus	explosion

6. Kalid has written the sentence below. Underline the two words which are not spelt correctly.

Having an adventure in a mountainus region is not a decishun to be taken lightly.

Rewrite the sentence using the correct spellings.

7. Alicia and David have included suffixes in their sentences.

Alicia wrote:

I felt nervus before the play started.

David wrote:

The car journey was horrendous.

Who has used a suffix correctly? Explain your answer.

# The UFO – Comprehension

These questions are based upon the text The UFO on pages 13 to 14. Read the text and use this to help you answer the questions below.

1. What type of text is this? Circle the correct answer.

a newspaper  
article

a biography

a story

a diary

2. Which of the features below tell you this?

first person

second person

date

present tense

future tense

past tense

3. Complete the sentences below filling in the date and place the events of the first section of text happen.

The text was written on \_\_\_\_\_.

The events took place in \_\_\_\_\_ which is in \_\_\_\_\_.

4. True or false? The text is written in a formal tone.

true

false

Explain how you know.

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5. Why has the author used brackets in the sentence below?

Mum thinks I've had too much sugar (which is probably true).

To help the sentence to make sense.

To give more information to the reader.

To explain what a word means.

# The UFO – Comprehension

6. Who was being interviewed when the writer got to school on Wednesday 8<sup>th</sup> January?

the teachers

the girl from number 53

Ellen's mum

Ben

7. Which part of the school day on 8<sup>th</sup> January was different to normal?

maths

The start of the school day

English

lunch time

8. Which sentence do you think best explains why people didn't believe the author's part of the story?

They didn't believe the author because they didn't see it.

People thought they were making it up because the author was jealous of all of the attention Ellen was getting.

People didn't believe the author because they didn't like them.

9. Which words taken from the text match the definitions below.

A. an antenna used to transmit radio or TV broadcasts

morsel

B. all around one particular thing

panic-stricken

C. affected by fear, frightened

commotion

D. a small amount or piece

aerial

E. a noisy and confused disturbance

surrounding

10. How do you think the author was feeling at the end of their entry on the 8<sup>th</sup> January? Choose a word from the word bank below and explain your choice.

confused

distraught

angry

jealous

# The UFO – Comprehension

11. What happened to Ben and the author on their way home from school the next day?

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12. When the alien first appeared, what did it do? Find and copy two sentences from the text. Each line represents one word.

A. \_\_\_\_\_ , \_\_\_\_\_ .

B. \_\_\_\_\_ / \_\_\_\_\_ .

13. How do you think the characters were feeling at this point in the text? Explain your choice.

Ben and I froze, not knowing what to do next.

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14. What does the author of the text want you to believe? Choose two options from the list below.

A. They want us to believe that aliens exist.

B. They want us to believe Ellen's story.

C. They want us to believe that UFOs don't exist.

D. They want us to believe that they had an encounter with an alien and saw a UFO.

# The UFO

Tuesday 7th January 2020

Truro, Cornwall

Today has been a day that I will remember for the rest of my life. I still can't actually believe what has happened to me today (even though nobody considers I am telling the truth!) Today, I saw... a spaceship. Right there, up in the sky. Mum thinks I've had too much sugar (which is probably true) BUT I did indeed spot a UFO. Mum has been saying to get outside more instead of playing on my games console, so over the last few weeks I thought I best at least try to get some fresh air because I don't want to be grounded. That's when I saw it! I was walking over to Ben's house around about 4pm after school and to be honest it was starting to get dark. The street lights came on all of a sudden which made me jump out of my skin. Ben only lives around the corner and Mum only lets me go by myself because I take my mobile with me in case I get into trouble.

Anyway, just before I got to Church Street, I heard a weird buzzing sound. I stopped and checked my phone because it's been playing up lately, making strange sounds, but it wasn't my phone. And besides, the buzzing got louder and louder. That's when I looked up. There above number 53, was an oval shaped, disc-type thing, actually hovering above the house. I know the girl in number 53 from school, and yes she's a bit strange, but not on this sort of level! Out of the dark came a ray of blue light. It shone down on the house in a triangular shape, lighting up everything in its path. In fact, it illuminated the house like a Christmas tree!

At that moment, I legged it! I was closer to Ben's than mine so I ran like a galloping horse. I didn't even look back until I got to his front door. I dragged him outside in order to see the UFO but when I pointed up to the sky, nothing was there. It was gone. Not only that but Ben just laughed. He thought it was a prank of some sort. Ben's mum, Mrs Mitchell, came out into the front garden to see what all the fuss was about but she didn't believe me either. I even drew them both a picture of what I had seen too but that didn't help.

Wednesday 8th January 2020

Truro, Cornwall

I thought yesterday was an exciting day but today was even better! When I got to school there was a commotion at the gates. There were lots of vans with big aerials on the top of them. Surrounding the gates were lots of people, all looking in the same direction. In the middle of the group, facing the people, was the girl from number 53. I think her name is Ellen. I've seen her on the playground at lunchtime before. She was standing there with someone who looked like her mum and people were holding up microphones towards her. She looked nervous but her mum was holding her hand. When we listened to what they were saying, I realised that Ellen was talking about a UFO. She also said that she saw an alien! An alien! I must have had a lucky escape. Ellen explained how she was panic-stricken, face-to-face with a sea-green alien in her backyard.

# The UFO

The TV crews stayed around the school gates for the rest of the morning while we carried on with our day. Maths and English as usual. At playtime everyone wanted to hear what Ellen had to say. Crowds of peers surrounded her, trying to gain any morsel of information. She must have described the alien hundreds of times to different people. I wonder if people will believe me now? I did go and tell my part of the story but people just thought I was making it up because of Ellen's story.

Thursday 9th January 2020

Truro, Cornwall

Today was a normal day at school. There were no TV cameras, no people at the gates and lessons went ahead as normal. We had science this morning and we were learning about the cycle of the Moon. We ended up talking about aliens and if they exist. Lots of people had different ideas on this. I walked home with Ben from school at around 3:30pm. It's only a short walk but always seems to take ages. I think that's because there is such a big hill to climb along Magden Road. We walked up the road towards Ben's house and along the street. There were houses on each side of the road with small front gardens. Many of the houses have hedges or low fences that line the street.

Suddenly, a figure appeared in front of us like a pear. It had three legs underneath and it was a green-blue colour. It stared right at us, unmoving. Ben and I froze, not knowing what to do next. There it remained with piercing eyes, for what felt like ten minutes. It was almost like a staring competition with us and the alien. Ben took a step forward with his hand out to wave. In response to this the alien copied him, also reaching forward with two of its many hands. Ben even said hello to it but in reply the alien made a grunting sound like a chinchilla. I only know that because my cousin Amy has two chinchillas as pets and sometimes when we go around to her house we play with them. So anyway, while we were communicating with the alien there was a noise from behind us. It sounded like a crowd of girls walking home too. They were talking loudly about Justin Bieber and his new album. When the alien heard the noise, his whole body flickered, just like a hologram. After flickering for several seconds, he vanished into thin air, leaving Ben and me startled and to be honest quite annoyed with the girls who were walking towards us from behind.

We talked about it the rest of the way home and agreed that we would keep it a secret between ourselves. We didn't want everyone to know what we had experienced today. It was definitely the best day of my life though! And I wonder what tomorrow will bring?