

Hello Year 5! We hope you are all safe and well.

Thanks you for all of your great work over the last few weeks!

You can e-mail any work to [year5@westfield.staffs.sch.uk](mailto:year5@westfield.staffs.sch.uk)

Have fun and try your best! Remember: you don't have to complete all the questions but do try to challenge yourself a bit.

## Aims for this week

Maths: To review geometry skills

English: To practise reading and writing skills

Spelling: To review homophones

Creative: To practise geography, art, music, history and science skills.



# REMEMBER TO READ FOR AT LEAST 10 MINUTES A DAY.

Try to read different types of texts, e.g. fiction, non-fiction, poetry.

Try <http://en.childrenslibrary.org/> for some great online books and stories.



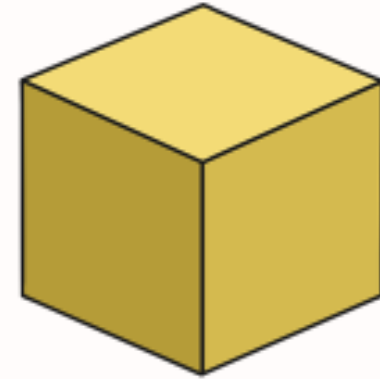
Monday 6<sup>th</sup> July 2020 -  
maths  
LO: To recognise 3D  
shapes

- Read about each 3D shape
- Try to remember their names and how to describe them
- Cover the writing and practise naming and describing each shape ready for a quiz tomorrow.

## Cube

Cubes have:

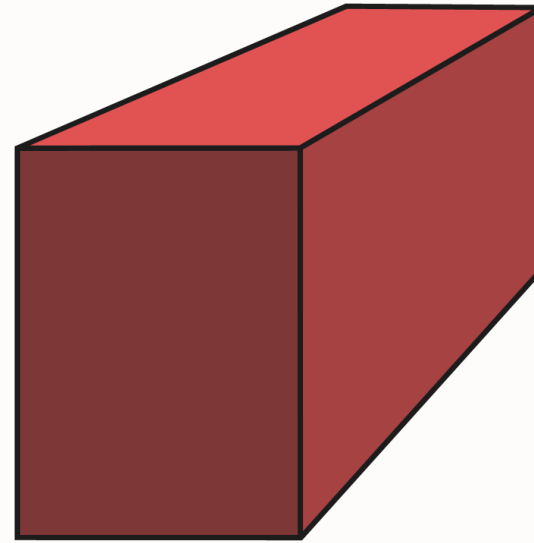
- 6 faces;
- 12 edges
- 8 vertices;
- edges that are all the same length.



# Cuboid

Cuboids have:

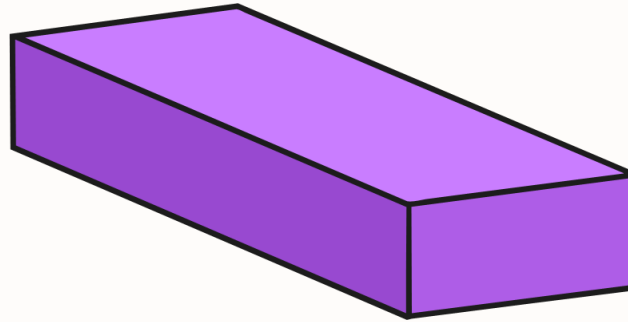
- 6 faces;
- 12 edges
- 8 vertices;
- edges that are **not** all the same length.



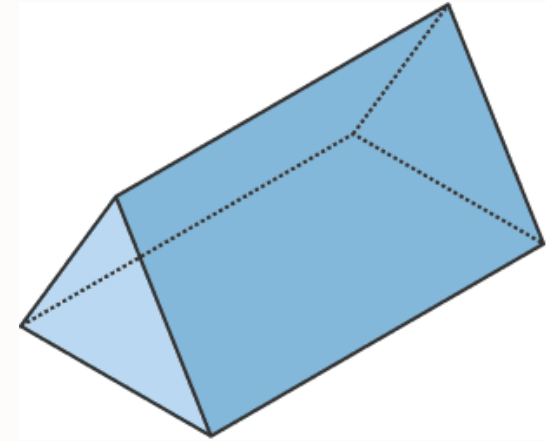
# Rectangular Prism

Rectangular prisms have:

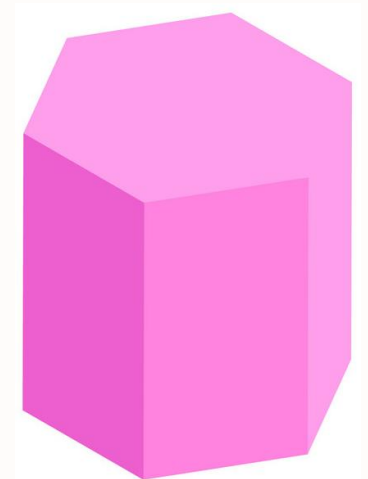
- 6 faces;
- 12 edges
- 8 vertices;
- edges that are **not** all the same length.



**Rectangular prism**



**Triangular prism**

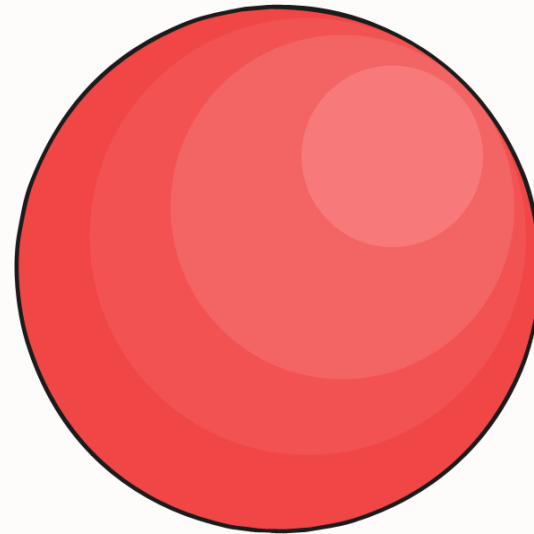


**Hexagonal prism**

# Sphere

Spheres:

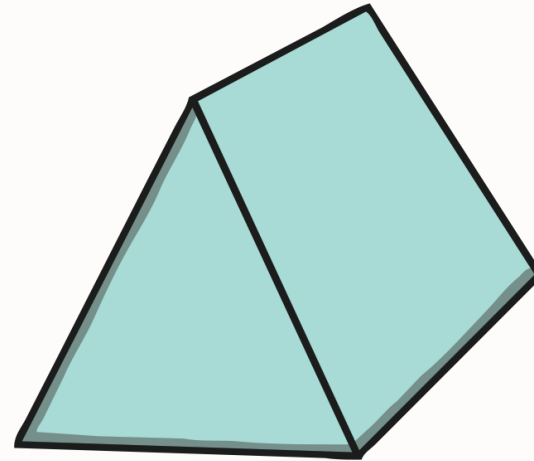
- are perfectly round;
- have no edges;
- have no vertices.
- 1 curved surface



# Triangular Prism

Triangular prisms have:

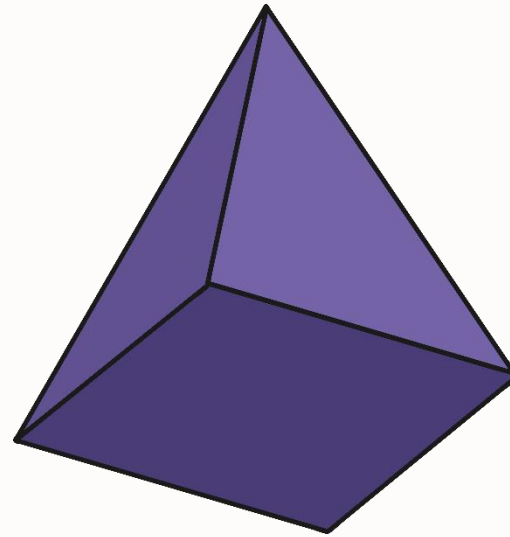
- 5 faces;
- 2 triangular faces;
- 3 rectangular faces;



# Square-Based Pyramid

Square-based pyramids have:

- a square base;
- 4 triangular faces that make a sharp point;
- 5 faces.

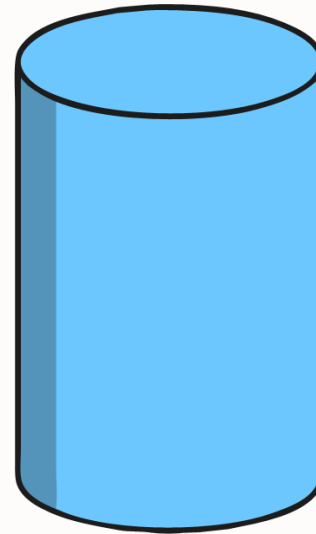




# Cylinder

Cylinders have:

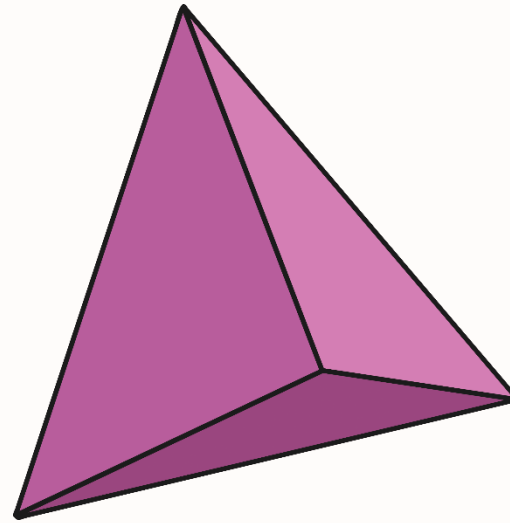
- 2 flat and circular faces;
- 1 curved surface;
- **no** vertices.



# Tetrahedron

Tetrahedra have:

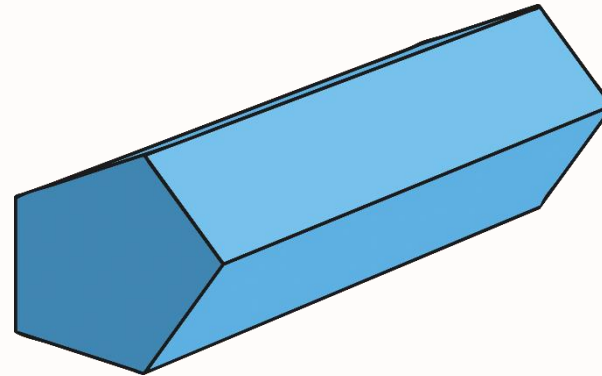
- 4 flat and triangular faces;
- 4 vertices;
- 6 edges.



# Pentagonal Prism

Pentagonal prisms have:

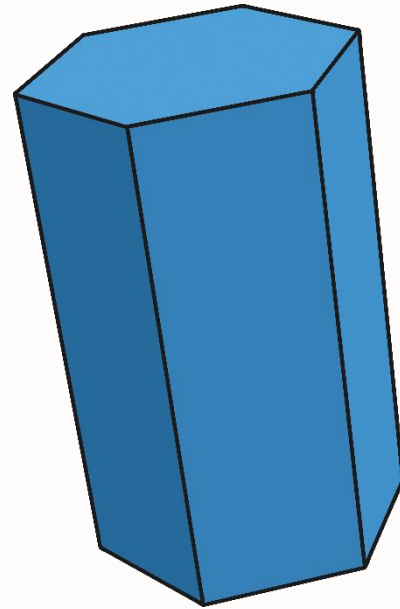
- 7 faces;
- 2 pentagonal faces;
- 5 rectangular faces;
- 15 edges;
- 10 vertices



# Hexagonal Prism

Hexagonal prisms have:

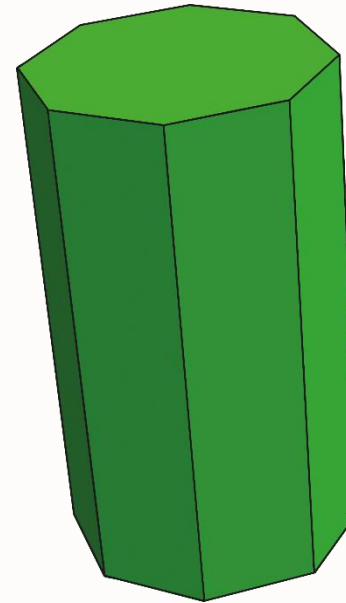
- 8 faces;
- 2 hexagonal faces;
- 6 rectangular faces;
- 18 edges;
- 12 vertices



# Octagonal Prism

Octagonal prisms have:

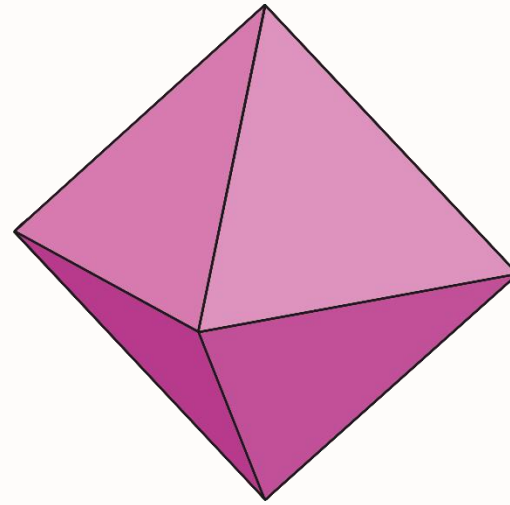
- 10 faces;
- 2 octagonal faces;
- 8 rectangular faces;
- 24 edges;
- 16 vertices



# Octahedron

Octahedra have:

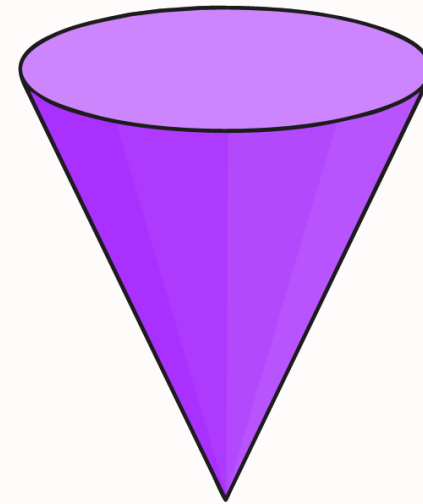
- 8 triangular faces;
- 12 edges;
- 6 vertices.



# Cone

Cones have:

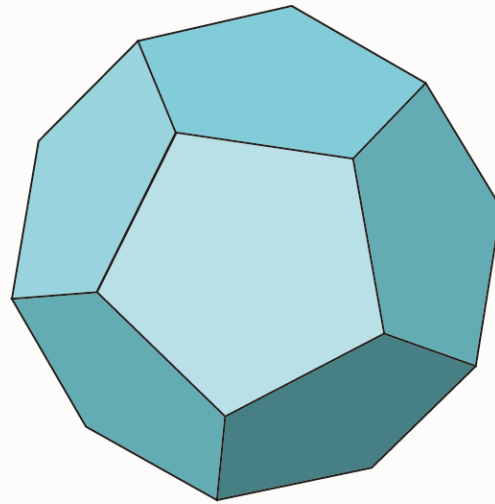
- 1 flat face which is a circle;
- 1 vertex;
- 1 edge;
- 1 curved surface.



# Dodecahedron

Dodecahedra have:

- 12 faces;
- 30 edges;
- 20 vertices.





Monday 6<sup>th</sup> July 2020 - English

LO: To give your opinions

This week, we are going to use the following link:

<https://www.talk4writing.com/wp-content/uploads/2020/05/Y5-One-Chance.pdf>

- Read pages 1-4
- Complete activities on pages 3 and 4
- Check for mistakes

# Welcome to the One Chance workbook



Inside you'll find lots of things to work through that will help you with your reading and writing skills and build on the work you do at school.

I'm your virtual teacher, so let's explore together and get your journey started

## Introduction

"Be careful what you wish for,  
you may receive it." – anonymous

Have you ever thought about what this means?

The underlying moral of the wishing tale is often played out in real life. Every week many people dream of winning the lottery – they make a wish. Someone then wins a huge sum of money. While this might seem like great news, the story often leads to misery and unhappiness. The sudden win changes lives. Friends and family may be lost. The 'winner' may lose a sense of purpose as they no longer have to go to work.

This moral message is one that has been used many, many times in stories across the world. It was first thought to have been used in Aesop's Fables. Aesop was a slave and storyteller believed to have lived in ancient Greece.

## Just one wish



If you had just one chance to make a wish, what would you wish for? Brainstorm some ideas. For example, I might wish for a new car, a dog or a yacht. Or to be a world-famous footballer or not to have to go to school!



## The downside

Now try and think about the positives and negatives of having that wish granted.

For example,

I wish I had a bright red Ferrari. I could drive at immense speed and win many great races.

**However**, I would be adding to the destruction of the planet, be breaking the speed limit and endangering my life and the lives of others.

.....  
I wish I had a small, brown Dachshund. I could take it for long, leisurely walks in the countryside.

**However**, I would have to leave it alone for hours on end while I was at school.

.....  
Now have a go yourself:

*I wish I ...*

---

*I could*

---

*However,*

---

---

*I wish I ...*

---

*I could*

---

*However,*

---

---

---



**Now try to be a little more magical. Anything is possible!** For example: **I wish** I was in Hogwarts and befriended Hermione. **I could** learn some magical spells, play Quidditch and soar high on my enchanted broom.

**However,** I might let them all know what happens in the story and ruin it for everyone.

*I wish*

---

*I could*

---

*However,*

---

---

*I wish*

*I could*

*However,*

Monday 6<sup>th</sup> July 2020 - spelling

LO: To spell homophones correctly

Read these words aloud.

Use a dictionary to find the meaning of unfamiliar words

Practice spelling the words using look, say, cover, write, check.

Remember to use neat, joined handwriting

advice

advise

device

devise

licence

license

practice

practise

guessed

guest

heard

herd

morning

mourning

passed

past

precede

proceed

principal

principle



**KEEP  
CALM  
AND  
SPELL  
ON**

Monday 6<sup>th</sup> July 2020 - geography

## LO: To locate regions

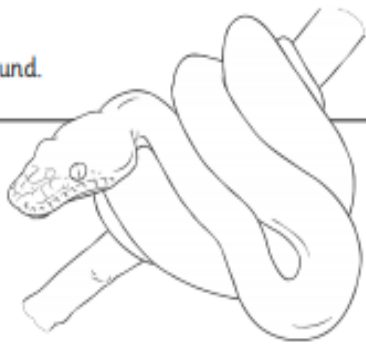
Use an atlas or the internet

### Activity

1. Use the world map sheet.
2. Create a key which shows a colour or pattern for each snake.
3. Colour the correct places on the map to indicate where each snake is found.

You could also try to find out:

- how legend explains the lack of snakes in Ireland;
- what is really believed to be the explanation;
- how many species of snake there are in the world.



# Dangerous Snakes of the World

There are no snakes in Ireland (apart from pets and in zoos).

The list of dangerous snakes below shows an overview of the snakes that pose a significant health risk to humans through snakebites or other physical trauma.

Snake	Region
Inland taipan	Australia
Dubois' sea snake	Coral Sea, Arafura Sea, Timor Sea and Indian Ocean
Eastern brown snake	Australia, Papua New Guinea, Indonesia
Yellow-bellied sea snake	Tropical oceanic waters
Peron's sea snake	Gulf of Siam, Strait of Taiwan, Coral sea islands.
Coastal taipan	Australia
Many-banded krait	Mainland China, Taiwan, Vietnam, Laos, Burma
Black-banded sea krait	Malay Peninsula and Brunei, and in Halmahera, Indonesia
Black tiger snake	Australia
Western Australian tiger snake	Australia
Beaked sea snake	Tropical Indo-Pacific oceans

**Key**






Tuesday 7<sup>th</sup> July 2020 – maths

## LO: To describe 3D shapes

Read the clues

Think about what 3D shape the clues are describing

Name the shape

Check you are correct

Practise describing any shapes you got wrong.

If the quiz does not work on your device, practise naming, recognising and describing 3D shapes using these links instead.

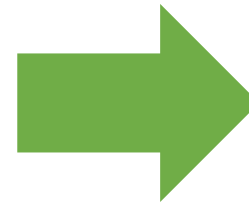
<https://www.bbc.co.uk/bitesize/topics/zt7xk2p>

<https://www.bbc.co.uk/bitesize/topics/zjv39j6>

Click on the numbers for clues.

- 1 I have 6 square faces
- 2 I have 8 vertices
- 3 I have 12 edges

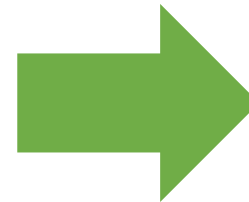
What am I?



Click on the numbers for clues.

- 1 I have 6 faces, at least 4 of which are rectangular
- 2 I have 8 vertices
- 3 I have 12 edges

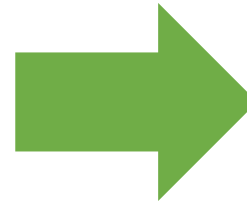
What am I?



Click on the numbers for clues.

- 1 I have 5 faces, at least 4 of which are triangular
- 2 I have 5 vertices
- 3 I have 8 edges

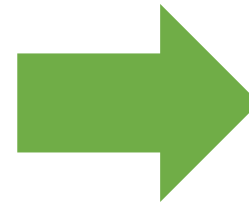
What am I?



Click on the numbers for clues.

- 1 I have 1 continuous curved surface
- 2 I have 0 vertices
- 3 I have 0 edges

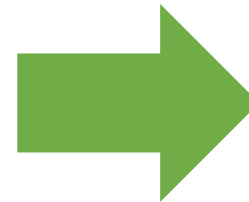
What am I?



Click on the numbers for clues.

- 1 I have 5 faces (two of these are triangular)
- 2 I have 6 vertices
- 3 I have 9 edges

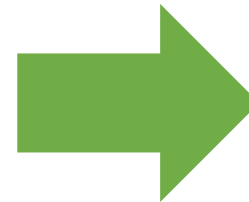
What am I?



Click on the numbers for clues.

- 1 I have 2 faces and 1 continuous curved surface
- 2 I have 0 vertices
- 3 I have 2 edges

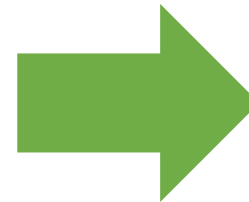
What am I?



Click on the numbers for clues.

- 1 I have 1 circular face and 1 continuous curved surface
- 2 I have 1 vertex
- 3 I have 1 edge

What am I?

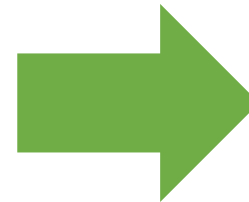




Click on the numbers for clues.

- 1 I have 4 triangular faces
- 2 I have 4 vertices
- 3 I have 6 edges

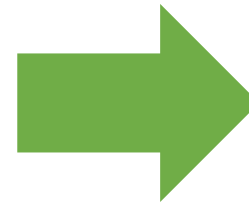
What am I?



Click on the numbers for clues.

- 1 I have 7 faces (two are pentagon shaped)
- 2 I have 10 vertices
- 3 I have 15 edges

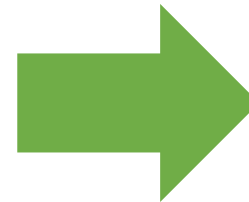
What am I?



Click on the numbers for clues.

- 1 I have 8 faces (2 are hexagon shaped)
- 2 I have 12 vertices
- 3 I have 18 edges

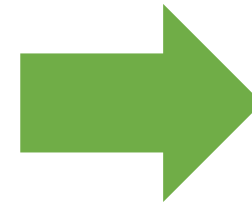
What am I?



Click on the numbers for clues.

- 1 I have 10 faces (2 are octagon shaped)
- 2 I have 16 vertices
- 3 I have 24 edges

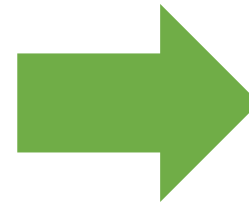
What am I?



Click on the numbers for clues.

- 1 I have 8 faces (all are equilateral triangles)
- 2 I have 6 vertices
- 3 I have 12 edges

What am I?



Tuesday 7<sup>th</sup> July 2020 - English

LO: To write a poem using a pattern

<https://www.talk4writing.com/wp-content/uploads/2020/05/Y5-One-Chance.pdf>

- Read the instructions
- Read the poem
- Write your own poem using the same pattern
- Remember to use a capital letter for the start of each line and to
- Leave a space between each verse.

## The Mirror of Wishes



Do you remember how, in *Snow White*, the wicked Queen used a mirror that always told the truth? This poem is about what happens when different characters look into a mirror that shows what you wish for. Make a list of people who might look into the wishing mirror and think about what they would wish to see. Pie decided to write about – a teacher, a sailor, a superhero, an astronaut, a pirate, a dragon hunter and a writer.

As you can see, he has written each idea using the same pattern, based on two lines. Copy his pattern but use your own characters and ideas about what they might wish for. Write your poem in your notebook.

### The Mirror of Wishes

The teacher looked into the mirror  
And saw a class of hard-working children.

A sailor looked into the mirror  
And saw the still waters of the Atlantic.

Batman looked into the mirror  
And saw a crime free day in Gotham City.

An astronaut looked into the mirror  
And saw his capsule landing in the sea.

A pirate looked into the mirror  
And saw where a treasure chest lay buried.

A dragon hunter looked into the mirror  
And saw the location of a dragon's cave.

A writer looked into the mirror  
And saw stories waiting to be told.

Tuesday 7<sup>th</sup> July 2020 - spelling

LO: To spell homophones

Read these words aloud.

Practice any tricky words using your choice of activity e.g. pyramids or race for the line.

Remember to use neat, joined handwriting

Challenge: Can you use these words in sentences?

advice

advise

device

devise

licence

license

practice

practise

guessed

guest

heard

herd

morning

mourning

passed

past

precede

proceed

principal

principle



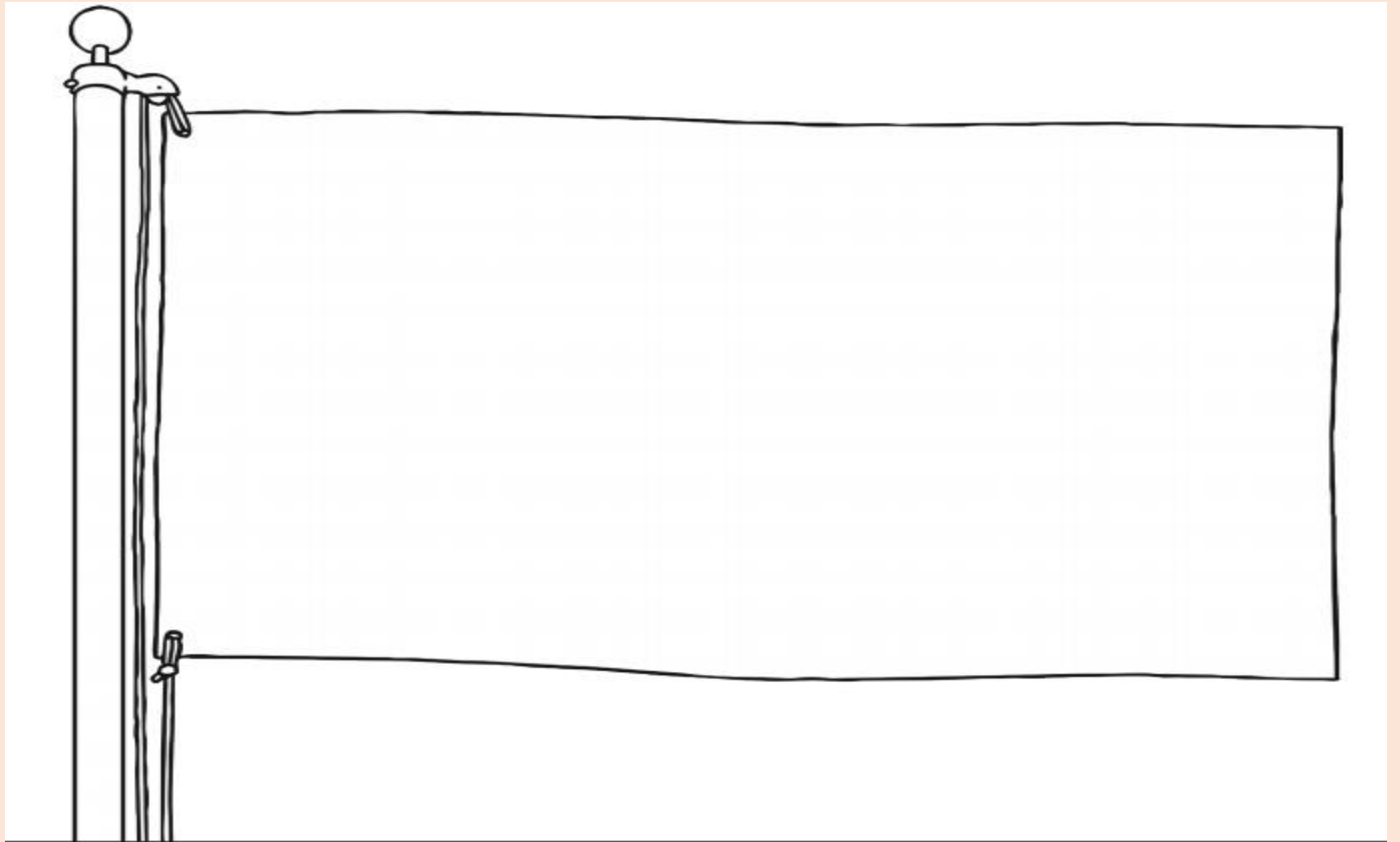
KEEP  
CALM  
AND  
SPELL  
ON

Tuesday 7<sup>th</sup> July 2020 – art

LO: To create an image to represent your personality

- Think about these questions: What is a flag for? What does it represent?
- Use this website to find out more  
<https://www.dictionary.com/e/s/fun-with-flags/#ode-to-the-flag>
- What colours and shapes represent you?
- Design your own flag



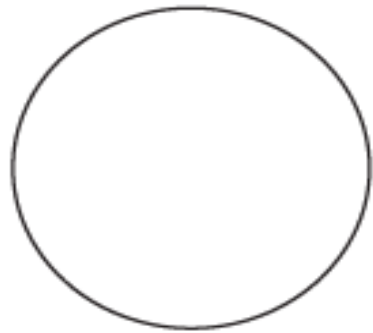


Wednesday 8<sup>th</sup> July 2020 – maths

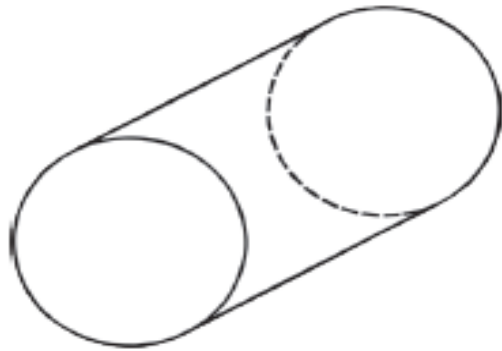
LO: To name and describe 3D shapes

- Look at the diagrams of the shapes
- Count the vertices and the edges
- Think about the shape of all the different faces
- Name the shape

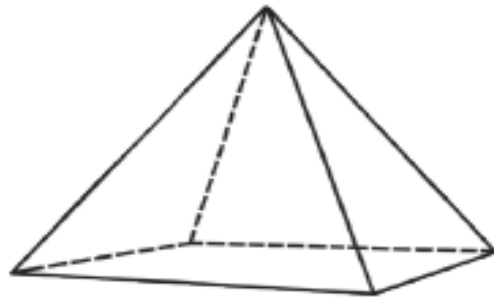
# Name the 3D Shape



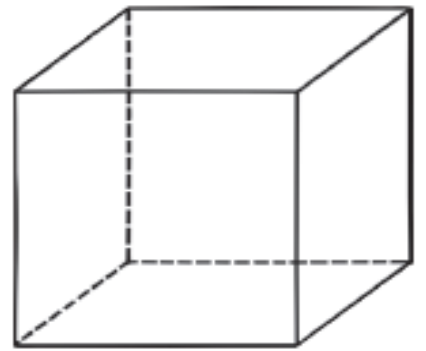
Shape of faces: \_\_\_\_\_  
Number of vertices: \_\_\_\_\_  
Number of edges: \_\_\_\_\_  
Name: \_\_\_\_\_



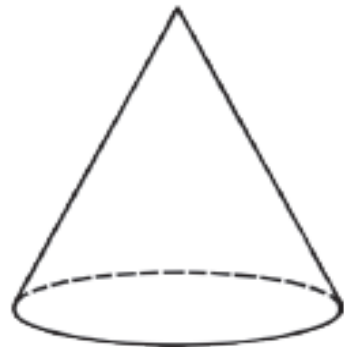
Shape of faces: \_\_\_\_\_  
Number of vertices: \_\_\_\_\_  
Number of edges: \_\_\_\_\_  
Name: \_\_\_\_\_



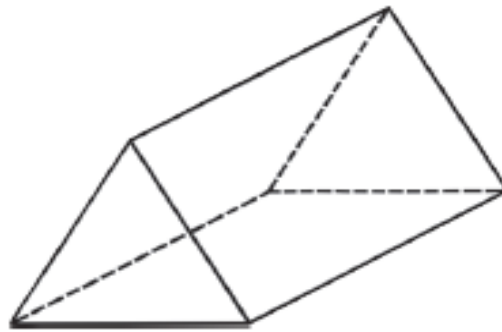
Shape of faces: \_\_\_\_\_  
Number of vertices: \_\_\_\_\_  
Number of edges: \_\_\_\_\_  
Name: \_\_\_\_\_



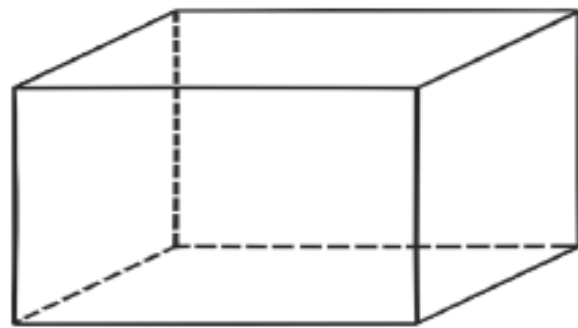
Shape of faces: \_\_\_\_\_  
Number of vertices: \_\_\_\_\_  
Number of edges: \_\_\_\_\_  
Name: \_\_\_\_\_



Shape of faces: \_\_\_\_\_  
Number of vertices: \_\_\_\_\_  
Number of edges: \_\_\_\_\_  
Name: \_\_\_\_\_



Shape of faces: \_\_\_\_\_  
Number of vertices: \_\_\_\_\_  
Number of edges: \_\_\_\_\_  
Name: \_\_\_\_\_



Shape of faces: \_\_\_\_\_  
Number of vertices: \_\_\_\_\_  
Number of edges: \_\_\_\_\_  
Name: \_\_\_\_\_



Wednesday 8<sup>th</sup> July 2020 - English

LO: To write a poem using a pattern

<https://www.talk4writing.com/wp-content/uploads/2020/05/Y5-One-Chance.pdf>

- Read the instructions
- Read the new poem
- Write your own poem using the same pattern
- Remember to use a capital letter for the start of each line and to
- Leave a space between each verse.

## The Mirror of Despair



On the wall, there is also the mirror of despair! This always shows what you fear most of all happening. Either make a new list of people who might look into the mirror of despair and think about what they would most fear to see or write about the same characters to find out what they might most fear. Once again, Pie has written each idea using the same pattern.

Try copying his pattern but use your own characters and ideas about what they might most hate to have happen in their lives. Write your poem in your notebook.

### The Mirror of Despair

The teacher looked into the mirror  
And saw children throwing paper airplanes.

A sailor looked into the mirror  
And saw a tsunami approaching.

Superman looked into the mirror  
And saw he was wearing a pair of kryptonite tights!

An astronaut looked into the mirror  
And saw an asteroid as big as Bristol approaching

A pirate looked into the mirror  
And saw sharks gathering beneath the plank.

A dragon hunter looked into the mirror  
And saw that he had picked up a plastic sword by mistake.

A writer looked into the mirror  
And saw a library burst into flames.

Wednesday 8th July 2020 - spelling

LO: To spell homophones

Write a sentence using each word

Use a dictionary if you need to find a definition

Remember to use neat, joined handwriting

advice

advise

device

devise

licence

license

practice

practise

guessed

guest

heard

herd

morning

mourning

passed

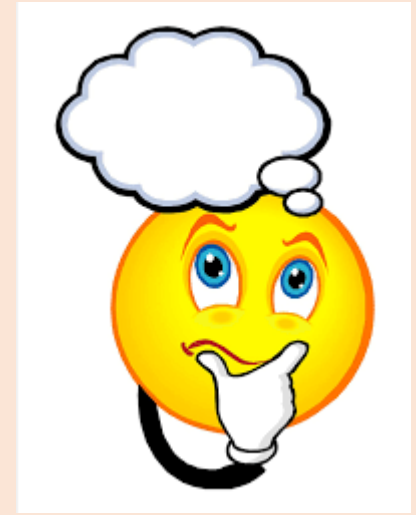
past

precede

proceed

principal

principle



Wednesday 8th July 2020 –  
music/history

LO: To find out about  
important people in history

- Read the text
- Answer the questions
- Find out about another famous musician and create your own fact file

*It could be someone from the present day.*

## Gustav Holst Comprehension

Gustav Holst was born in Cheltenham on September 21st 1874. He came from a line of talented musicians. Holst was taught how to play the piano by his father, however a problem with his nerves ruled out a career as a pianist. He later took up the trombone instead. His first conducting job was with a local church choir which he found to be excellent experience.

Holst attended the Royal College of Music where he studied composition and met fellow student, Ralph Vaughn Williams, another great composer. The two became great friends for life.

Holst's wife was a soprano. He instantly fell in love with her but she was not particularly impressed by him at first. For a while, he supported himself and his wife by playing the trombone professionally alongside composing in his spare time.

Holst became a teacher and worked at St Paul's Girls' School, Hammersmith where they opened a new music wing in his honour in 1913. The music wing housed a sound-proof room where Holst could work without being disturbed.

Holst became very interested in astrology which was the inspiration for his best known piece, 'The Planets'. This launched him into real stardom, however he was never happy to be in the limelight as he was a shy man.

The first performance of 'The Planets' was given in September 1918. Each movement describes the planet's character, for example, Venus is the bringer of peace, Uranus is about a magician and Saturn is based on the bringer of old age.

Due to poor health, Holst finished teaching, enabling him to spend more time composing. In his lifetime he produced operas, orchestral pieces and choral music. His ashes are buried at Chichester Cathedral in Sussex.

1. What is the name of Holst's most famous composition?

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2. How are the Venus and Saturn movements different?

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3. What happened in 1913, in Holst's honour?

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4. Who did Holst meet at the Royal College of Music?

---

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5. Apart from the piano, which other instrument did Holst play well?

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6. Based upon what you have read, how would you describe Holst's personality?

---

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# Thursday 9th July 2020 – maths

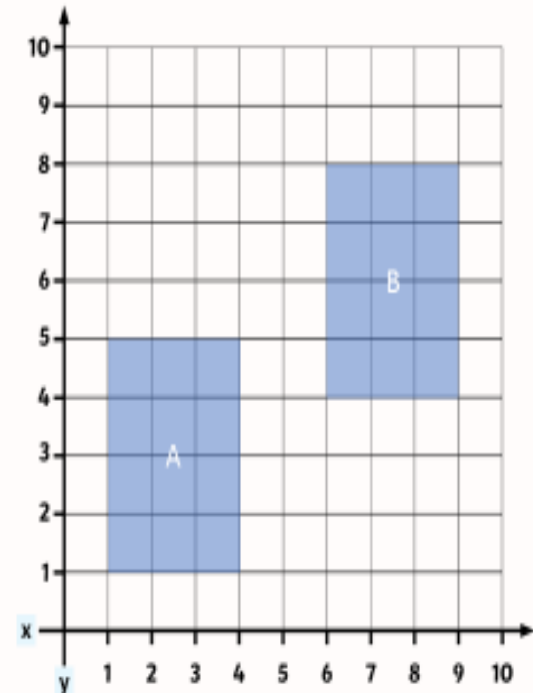
LO: To recognise when a shape has been translated

- Read the x axis then the y axis
- Count the squares left, right, down and up.
- Check the shape is exactly the same

## What Is a Translation?

A translation is when a shape **moves from one position to another without being rotated or flipped.**

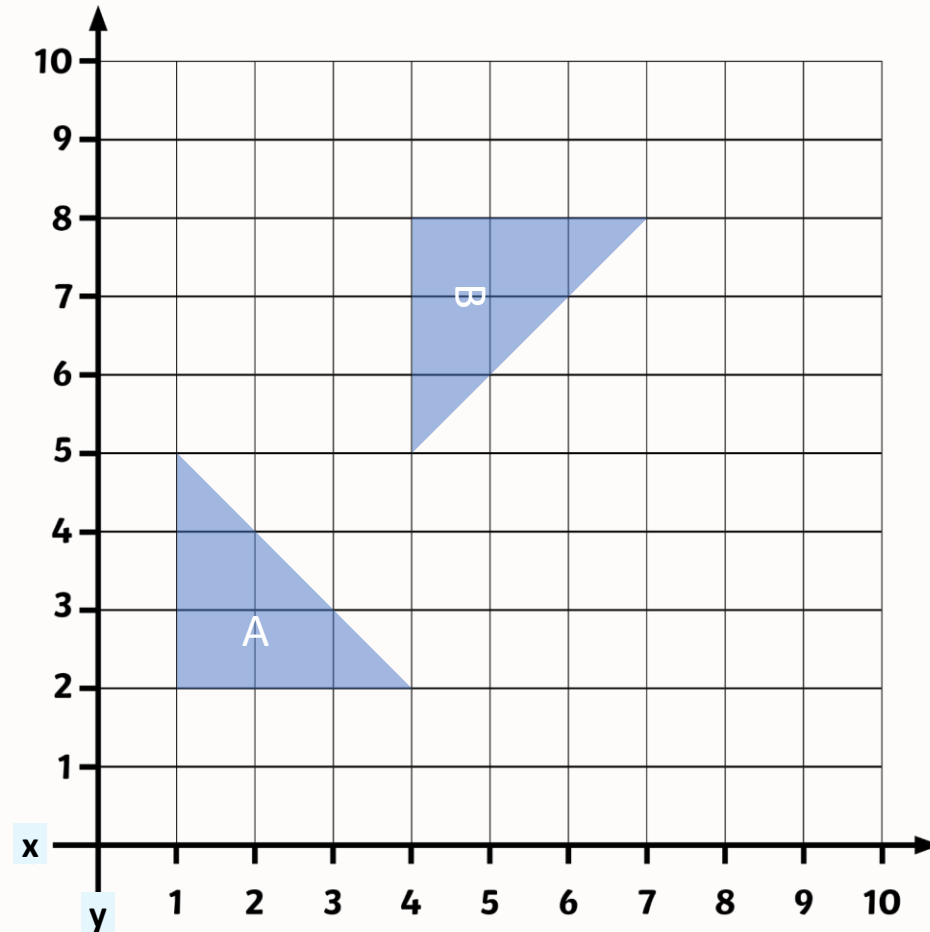
On this grid, rectangle A has been moved to position B.





# What Is a Translation?

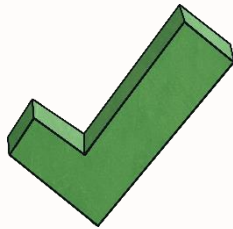
This is **not a translation** because the **shape has been rotated**.



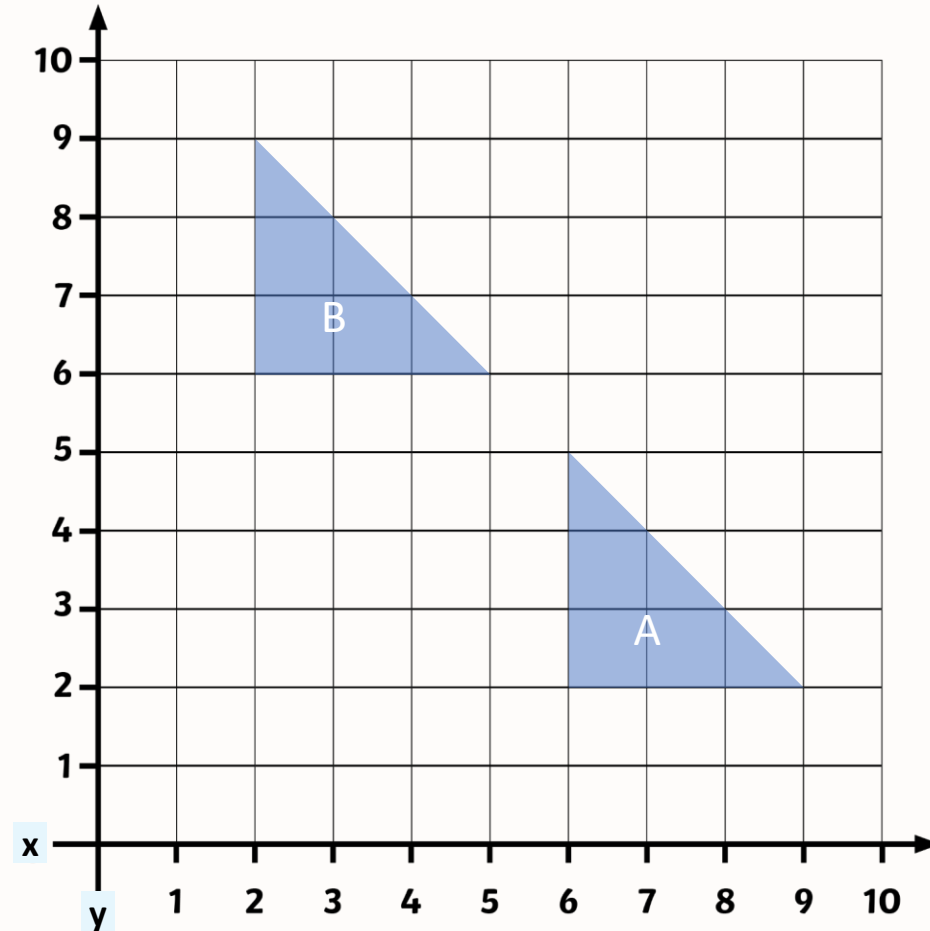
# Translating Shapes

Is this a translation?

**Yes**

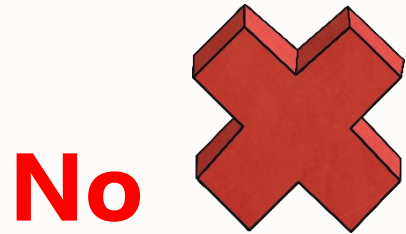


This is a translation.

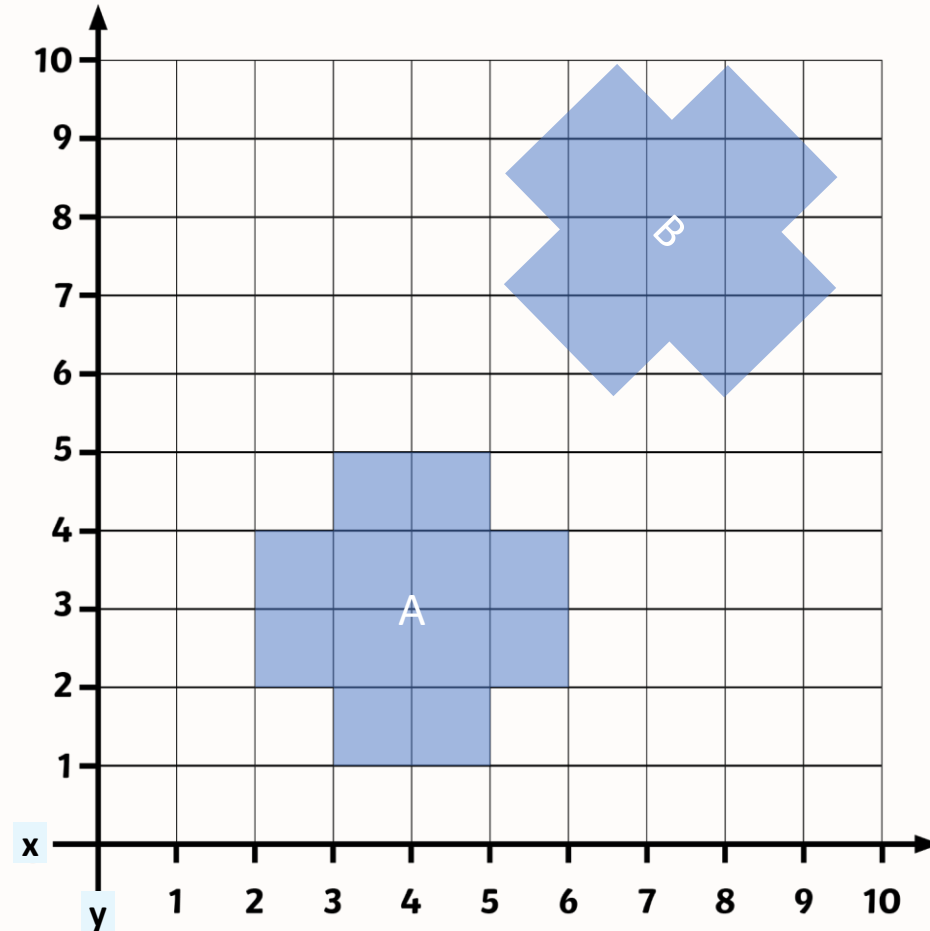


# Translating Shapes

Is this a translation?

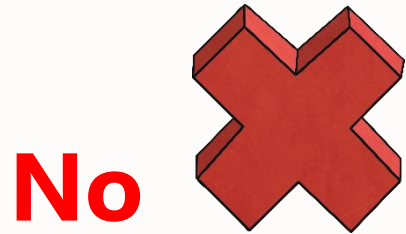


This is not a translation because the shape has been rotated.

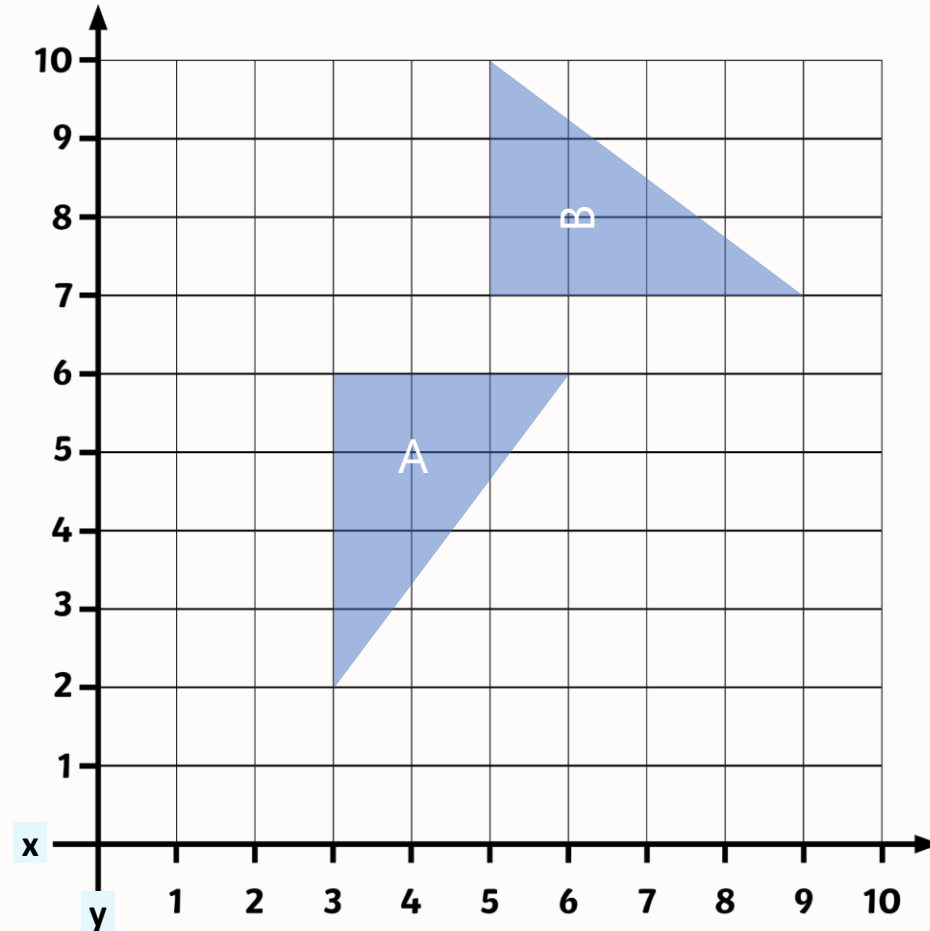


# Translating Shapes

Is this a translation?



This is not a translation because the shape has been rotated.

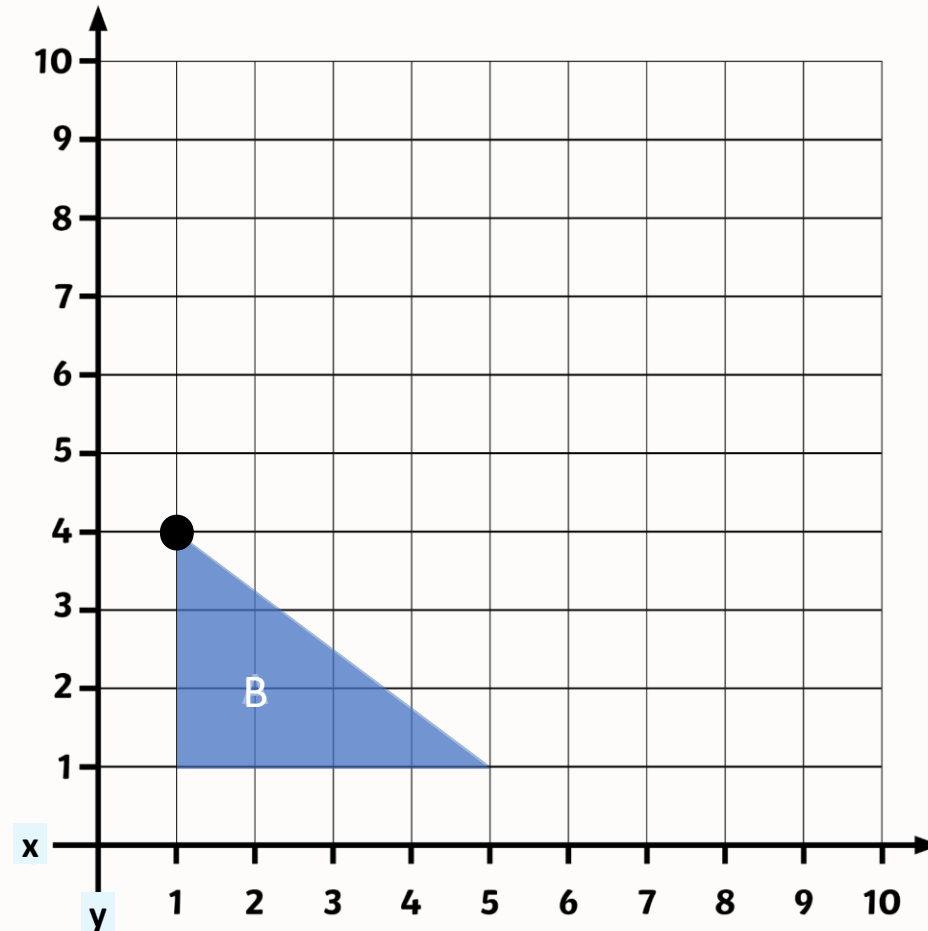


# How Do We Describe a Translation?

To describe a translation, you have to say how many squares it has moved to the left or right, and how many squares it has moved up or down.

The shape has been translated **4 squares to the right**. Then **3 squares up**.

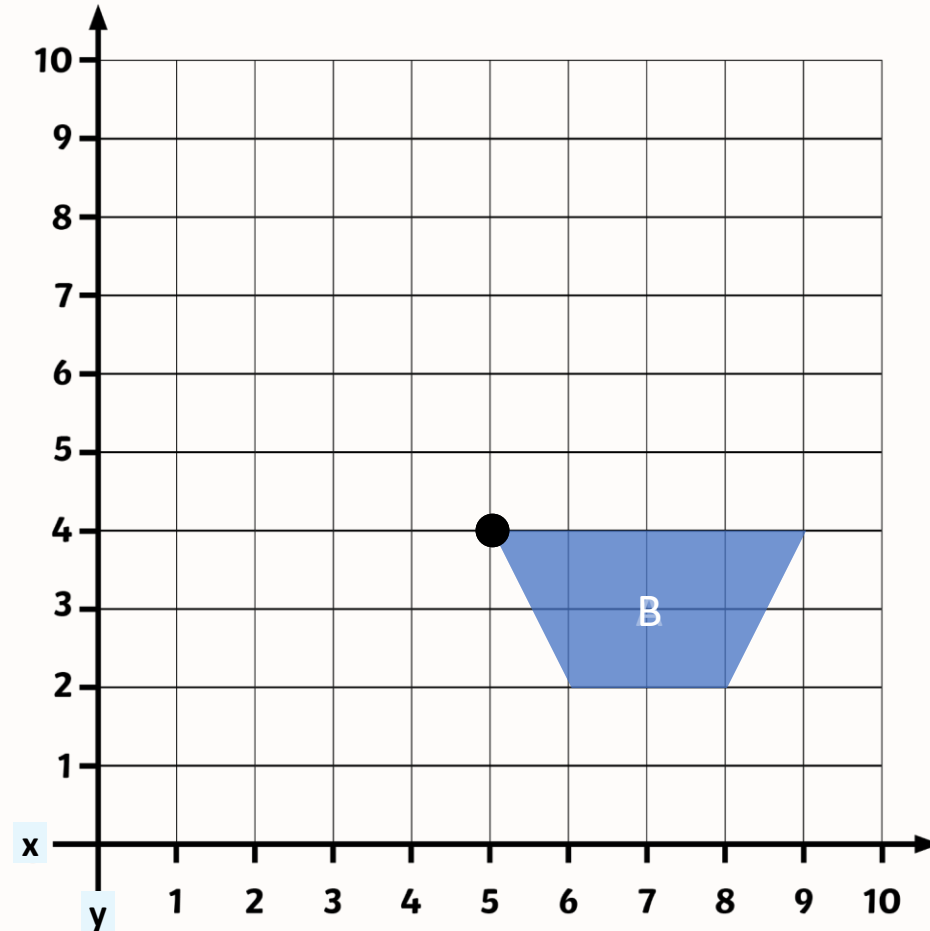
The coordinates of the black point on shape A are (1,4).  
What are the coordinates of the point shown on shape B?



# How Do We Describe a Translation?

The shape has been translated  
**4 squares to the left.**  
Then **5 squares up.**

The coordinates of the black  
point on shape A are (5,4).  
What are the coordinates of  
the point shown on shape B?

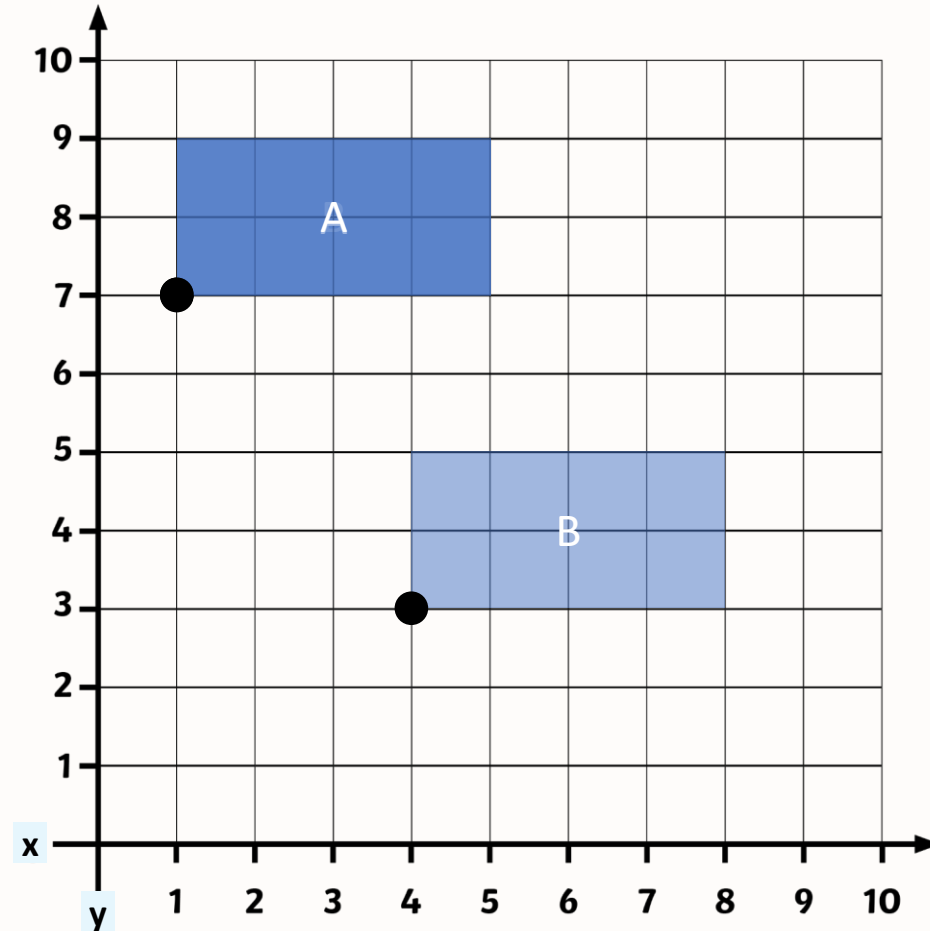


# How Has This Shape Been Translated From A to B?

This shape has been translated **3 squares to the right** and **4 squares down**.

Can you work out the coordinates of the black point on shape A and shape B?

Can you work out all the coordinates of shape B?

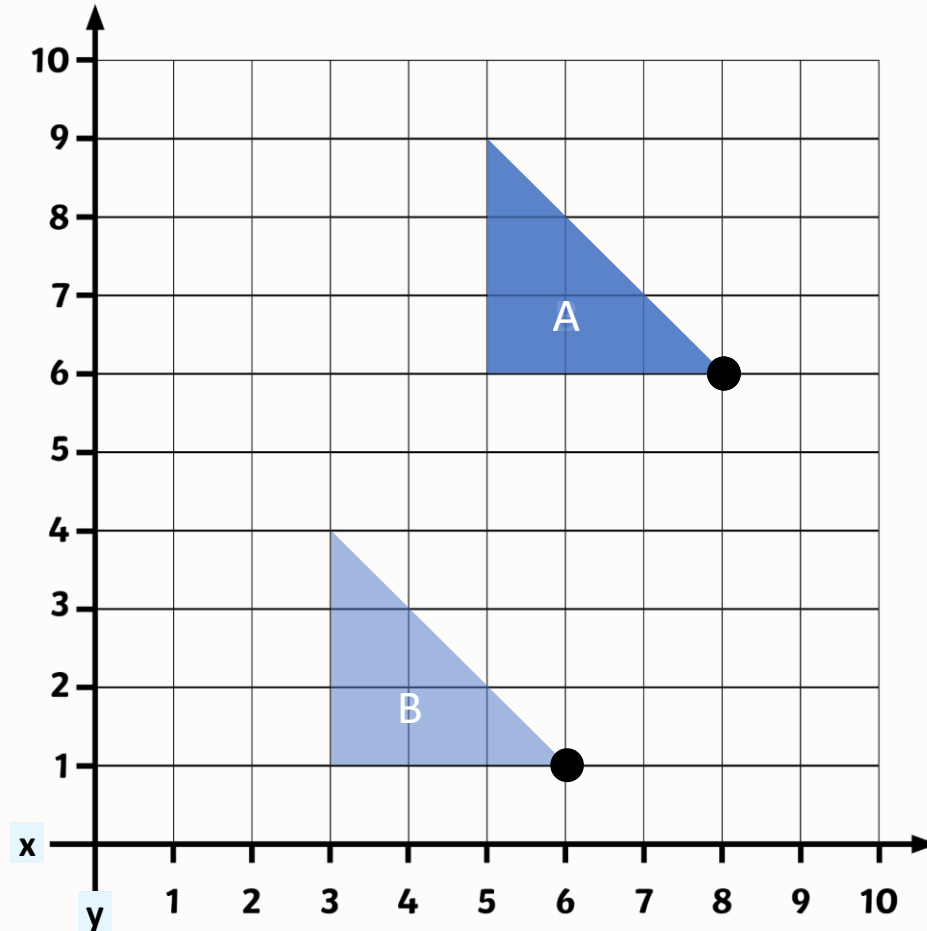


# How Has This Shape Been Translated From A to B?

This shape has been translated **2 squares to the left** and **5 squares down**.

Can you work out the coordinates of the black point on shape A and shape B?

Can you work out all the coordinates of shape B?



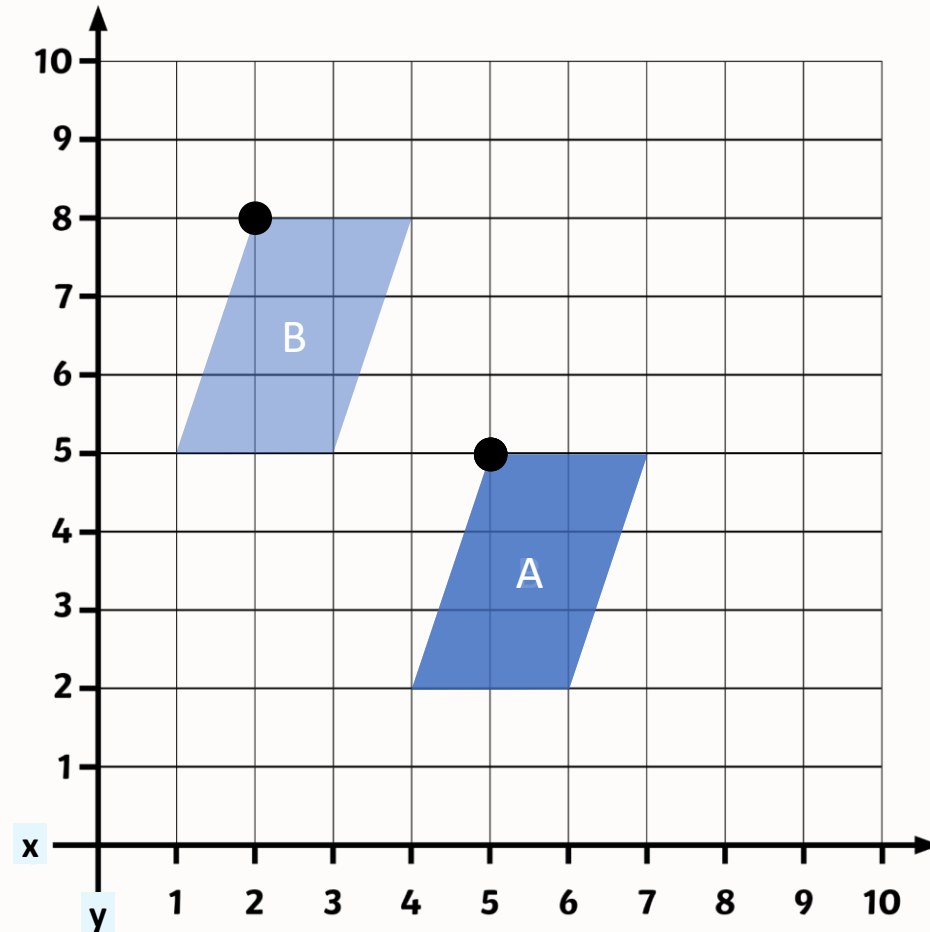


# How Has This Shape Been Translated From A to B?

This shape has been translated **3 squares to the left** and **3 squares up**.

Can you work out the coordinates of the black point on shape A and shape B?

Can you work out all the coordinates of shape B?



# Thursday 9th July 2020 – English

## LO: To make predictions about a text

- Read or listen to the story
- Based on the evidence you have read, make a prediction about what will happen next.
- Read on to find out what did happen.



Now read or listen to this story:

You can listen to it here:

<https://soundcloud.com/talkforwriting/one-chance/s-A35QppItbOx>

### One Chance

Outside, the evening was cold and wet. A **squally** wind howled, rattling the roof tiles and shaking the window frames of 13 Wager Road. Inside, **shabby** curtains were drawn, a **humble** fire crackled and a couple sat in silence. Jack stretched out on the tired couch with an amused smile, turning the page of his favourite novel. Sarah **scowled**, silently **seething**. She scanned the room, noticing the worn-out furniture, peeling paint and, in her opinion, a pointless, idle husband. She deserved so much more than this.

Suddenly, the letterbox jangled and there was a solitary but decisive knock on the door. Hope, the Labrador, barked. Sarah pulled back the curtain and watched as a hooded figure slipped silently away up the road. Puzzled, she stared down at a golden card that had appeared, glinting on the frayed doormat.

**Tentatively**, she gathered it up and read it out loud:

*Golden Lottery Ticket Ltd.*  
Congratulations!  
*You have been selected as one of our lucky lottery winners.*  
*This golden ticket entitles you to receive one of three exclusive wishes.*  
*Simply, scratch the card and make your wish.*  
*Once you have claimed your wish, pass on the luck!*

Wish 1	Rafaela
Wish 2	Scratch here
Wish 3	Scratch here

*Small print: Remember to use your precious wish wisely – wealth is not the root of happiness.*

What next? We've stopped at an interesting part of the story. Summarise below what you think could happen next.



**I predict...**

---

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---

Now let's find out how close your predictions were. Read on!

Sarah gasped. This is just what she was looking for - another chance. Maybe lose the idle husband as well, she thought, shaking her head.

"I am going to give this a go. I am thinking lots of money to buy expensive clothes and maybe you can finally sort this house out," she said to Jack, **rummaging** desperately in the drawer for a coin.

"Utter nonsense," muttered Jack, glancing up from his book and taking in the room. "I love this old house and you just the way you are. Even if all that did come true, there'll be a catch. No one gets something for nothing. Just throw it away."

Sarah stopped and nodded **sullenly**. He was right. She made to throw the ticket on the fire, but something stopped her. Furtively, she **stashed** it in her pocket.

Later that evening, as Jack slept, Sarah retrieved the ticket and greedily scratched 'Wish 2', dreaming of **immense** riches or, to be precise, £100,000. Outside, a squally wind **howled**. Inside, nothing happened. Bitterly, she tossed the ticket into the bin.

The next day, the wind died down to a cool, whispering breeze. Jack prepared for his early morning walk with Hope. Pulling his woollen hat firmly down over his ears, he called out to Sarah that he wouldn't be out long and left. Sarah **scowled**. She could barely respond.

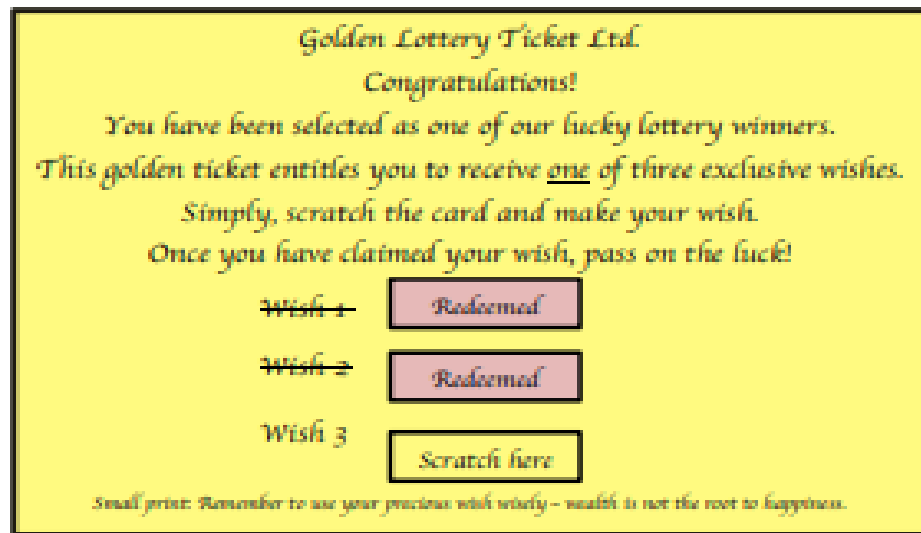
Eight hours passed and Sarah began to worry - where were Jack and Hope? Shaking with fear, she dialled 999, hoping for the best but fearing the worst.

A massive search was launched but there was no sign. Jack and Hope had simply vanished. Sarah was **distracted**. Deep down she worried if their disappearance had anything to do the golden ticket.

Days later, as the wind whipped up again, a woman in a black cloak knocked at the door. She told Sarah she had been sent to offer some **compensation** for her sad loss. Sarah was feeling desperate so asked, "How much?"

"Shall we say... €100,000?"

Shocked, Sarah recalled the greedy sum she had wished for. Could it be true? Had her selfish wish actually been granted? Quickly, she raced outside and **rummaged** desperately through the bin, trying to locate the **discarded** ticket. With sickening dread, she smoothed out the crumpled ticket and gasped in horror. It was true. The second wish had been redeemed.



Sarah leaned against the bin for support, her head spinning, her thoughts in **turmoil**. Then she **gathered herself together**. There was still one final wish left ... Could she use it to try and bring Jack and Hope back? She needed a coin, quick.

Just then, without warning, the squally wind howled and snatched the ticket from her hand. It spiralled, higher and higher like autumn leaves in a storm and then, like the mysterious woman herself, it was gone. Sarah cried out of helpless pain.

Inside, the shabby curtains were drawn and a humble fire crackled.

# Thursday 9th July 2020 - spelling

## LO: To apply words

Ask a parent or carer to dictate sentences using some of these words.

Write exactly what they say remembering to use accurate punctuation and spelling

Check sentences by reading aloud

Check with your parent/carer



advice

advise

device

devise

licence

license

practice

practise

guessed

guest

heard

herd

morning

mourning

passed

past

precede

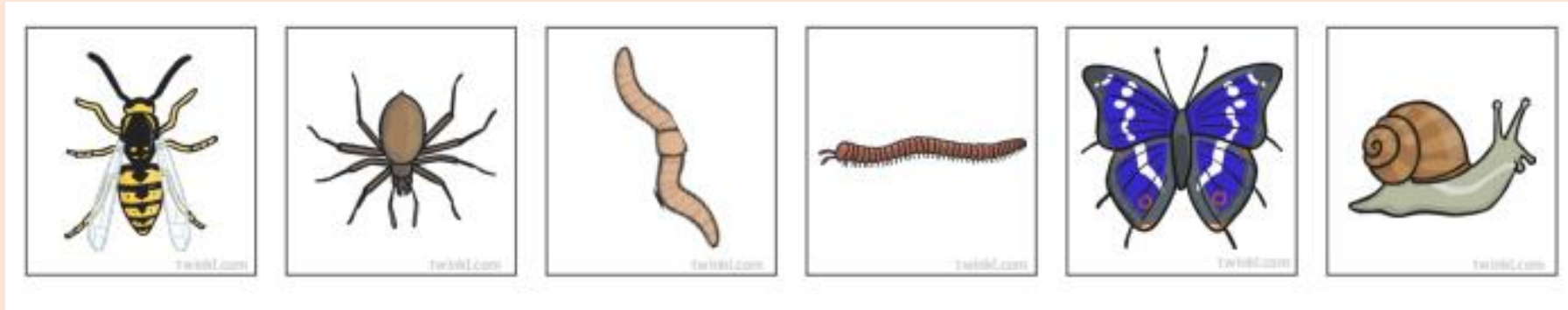
proceed

principal

principle

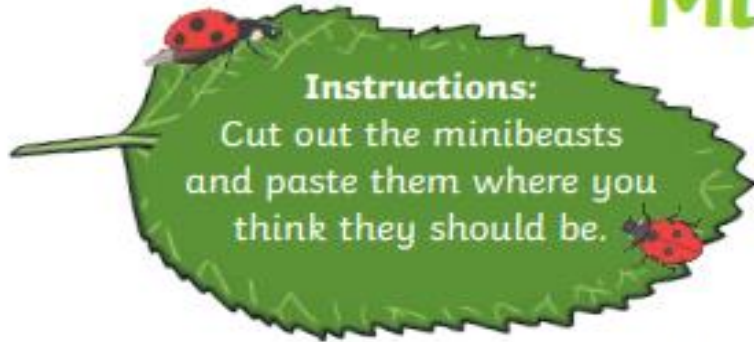
Thursday 9th July 2020 – science

LO: To classify mini beasts



- Look at the mini beasts
- Decide where they should go to make the diagram correct
- Check
- Write the name of the mini beast or cut and stick it in the correct place.
- **Challenge: Create a classification diagram of your own. Choose different mini beasts.**

# Minibeast Classification



## Instructions:

Cut out the minibeasts and paste them where you think they should be.

Does the minibeast have legs?

**Yes**

Does it have wings?

**Yes**

Can it sting you?

**Yes**

**No**

**No**

Does it have more than 8 legs?

**Yes**

**No**

**No**

Does it have a shell?

**Yes**

**No**

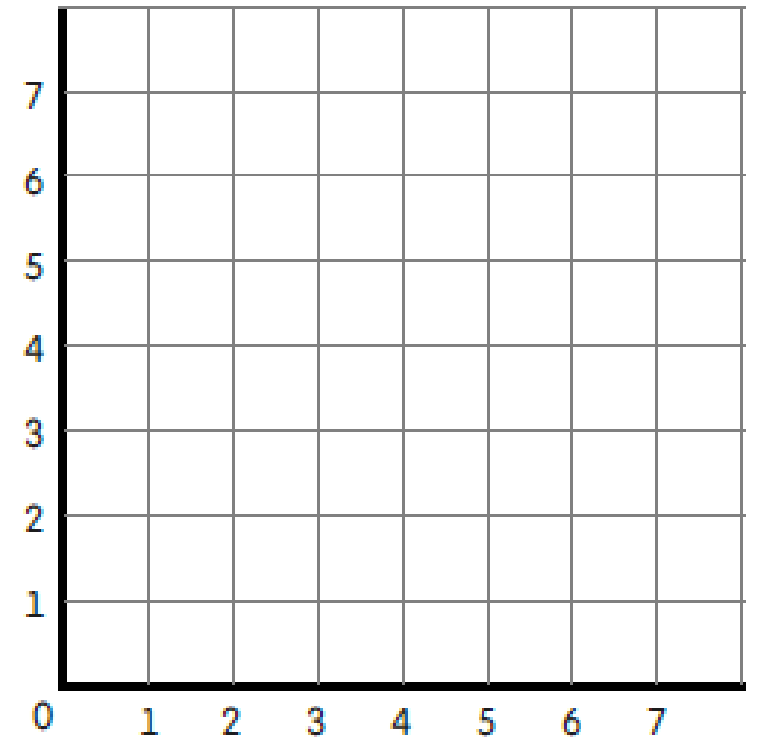
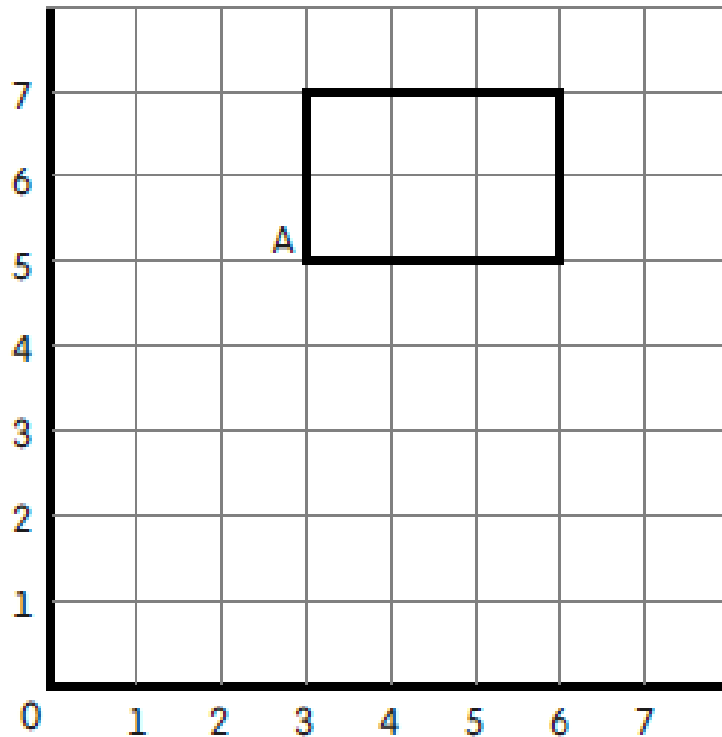


# Friday 10th July 2020 – maths

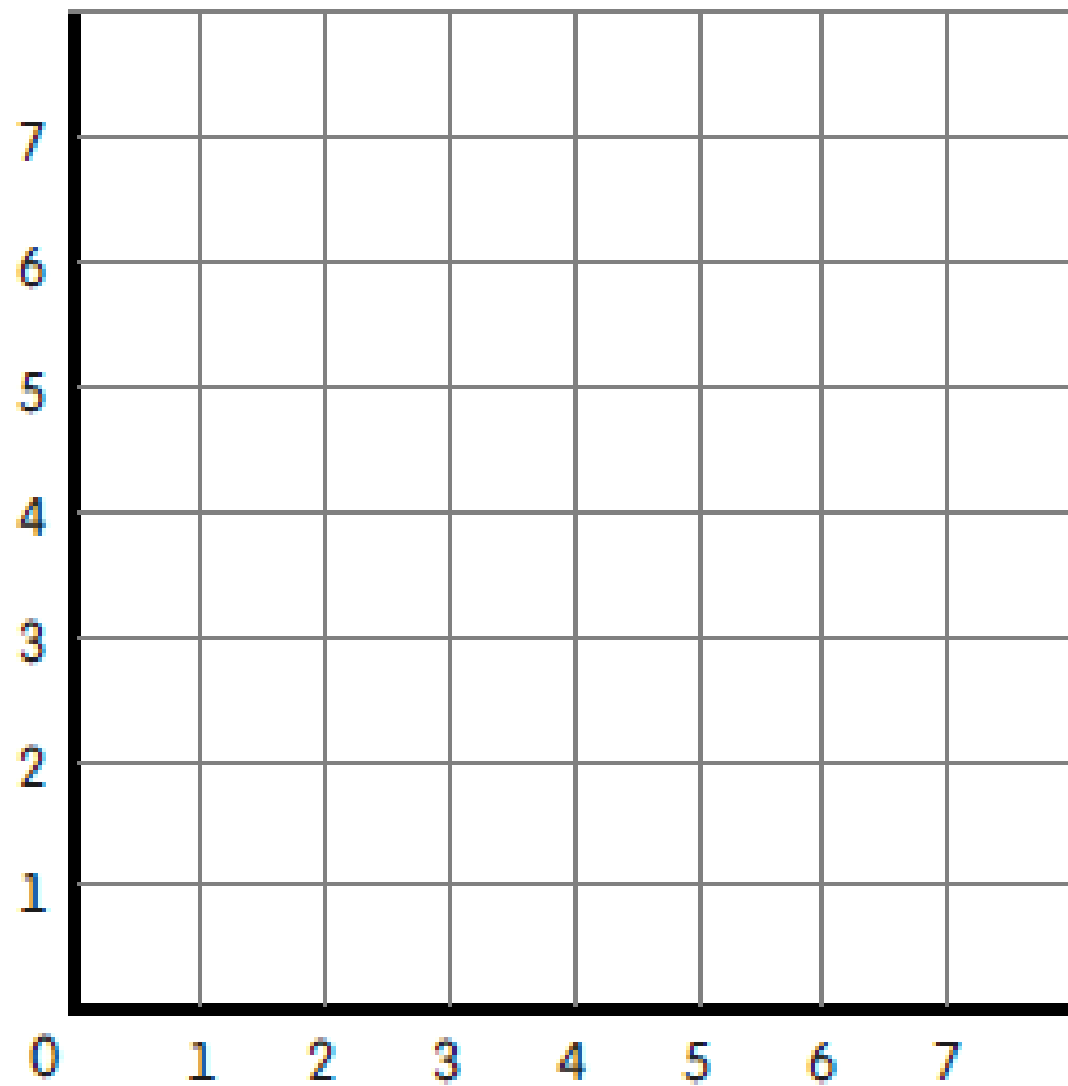
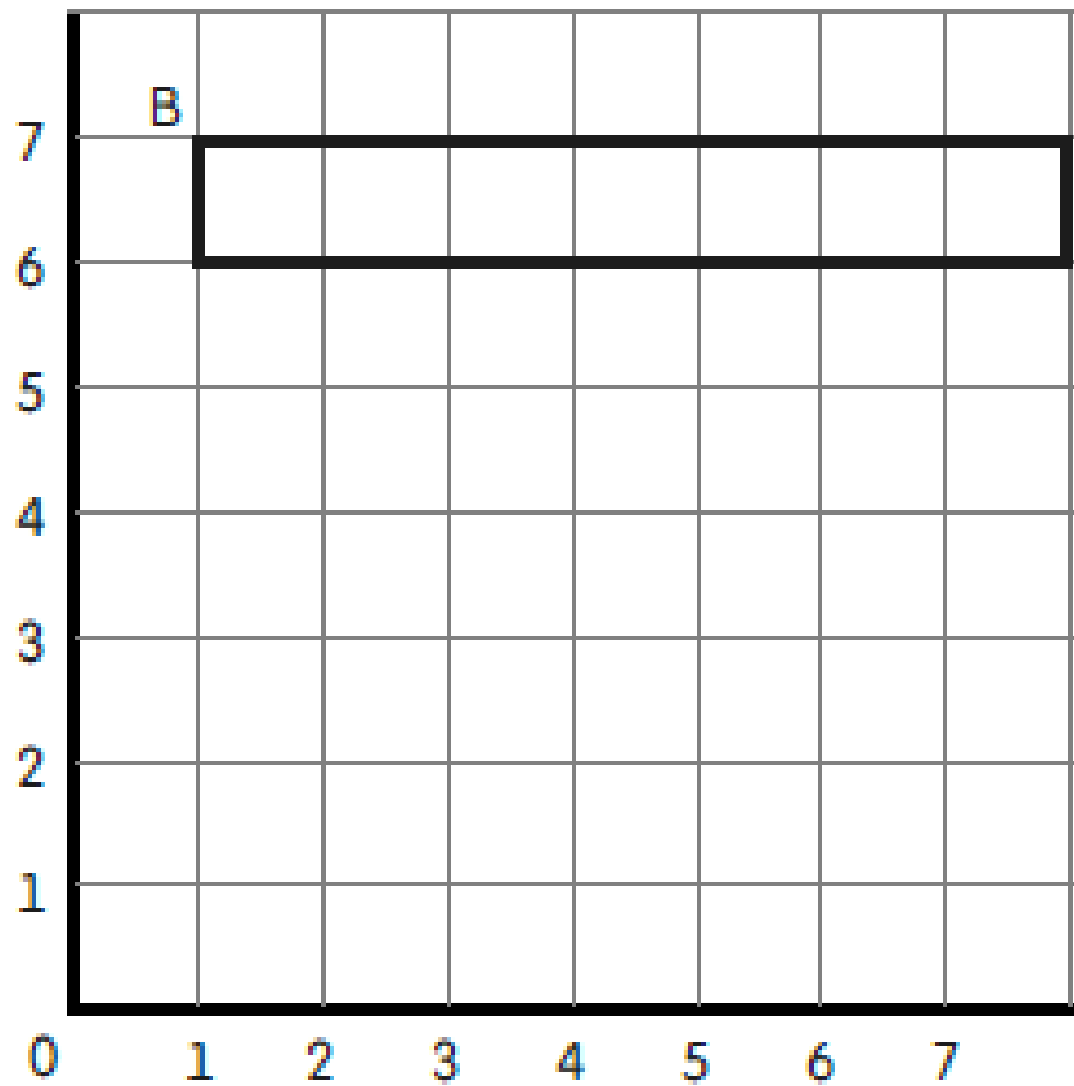
## LO: To translate shapes

- Read the x axis then the y axis
- Count the squares left, right, down and up.
- Check the shape is exactly the same

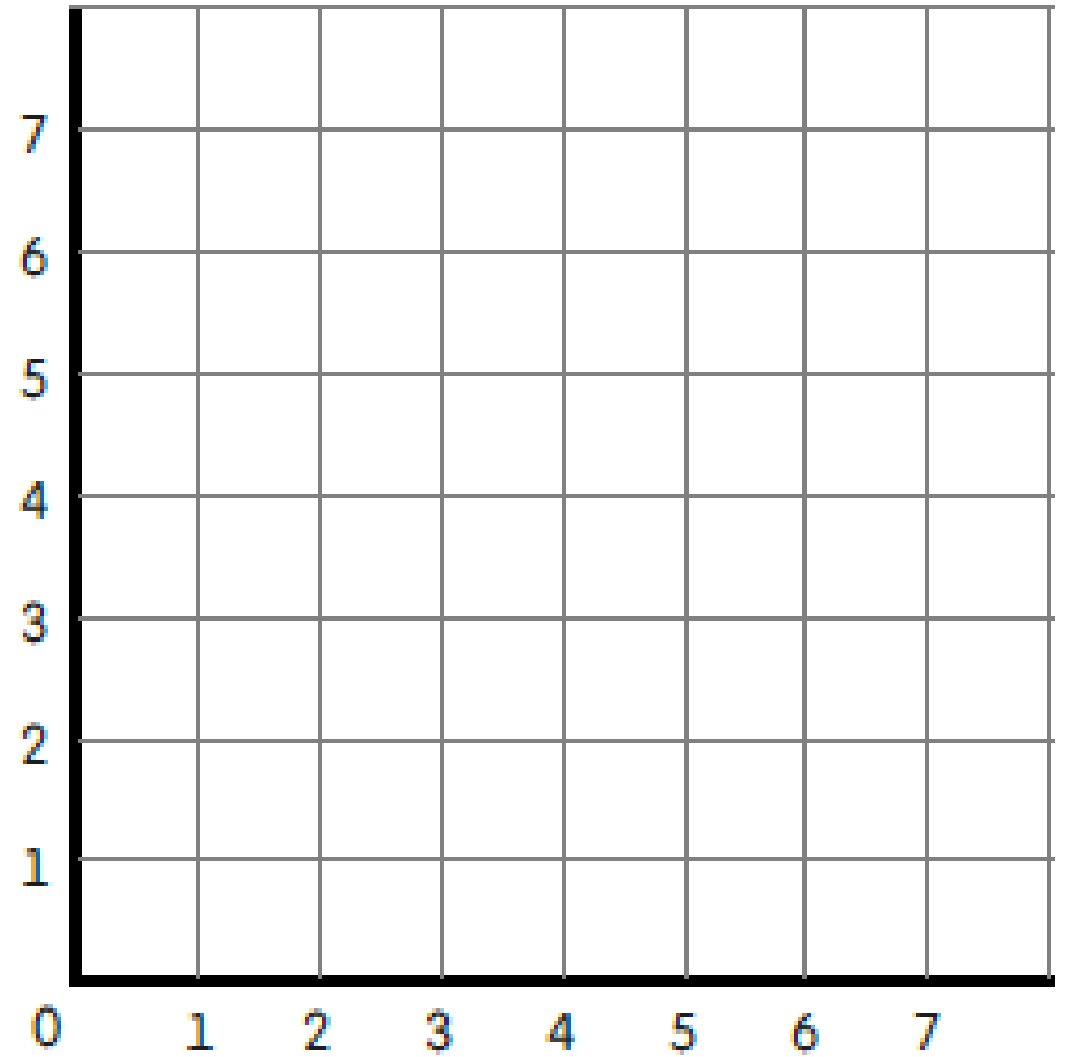
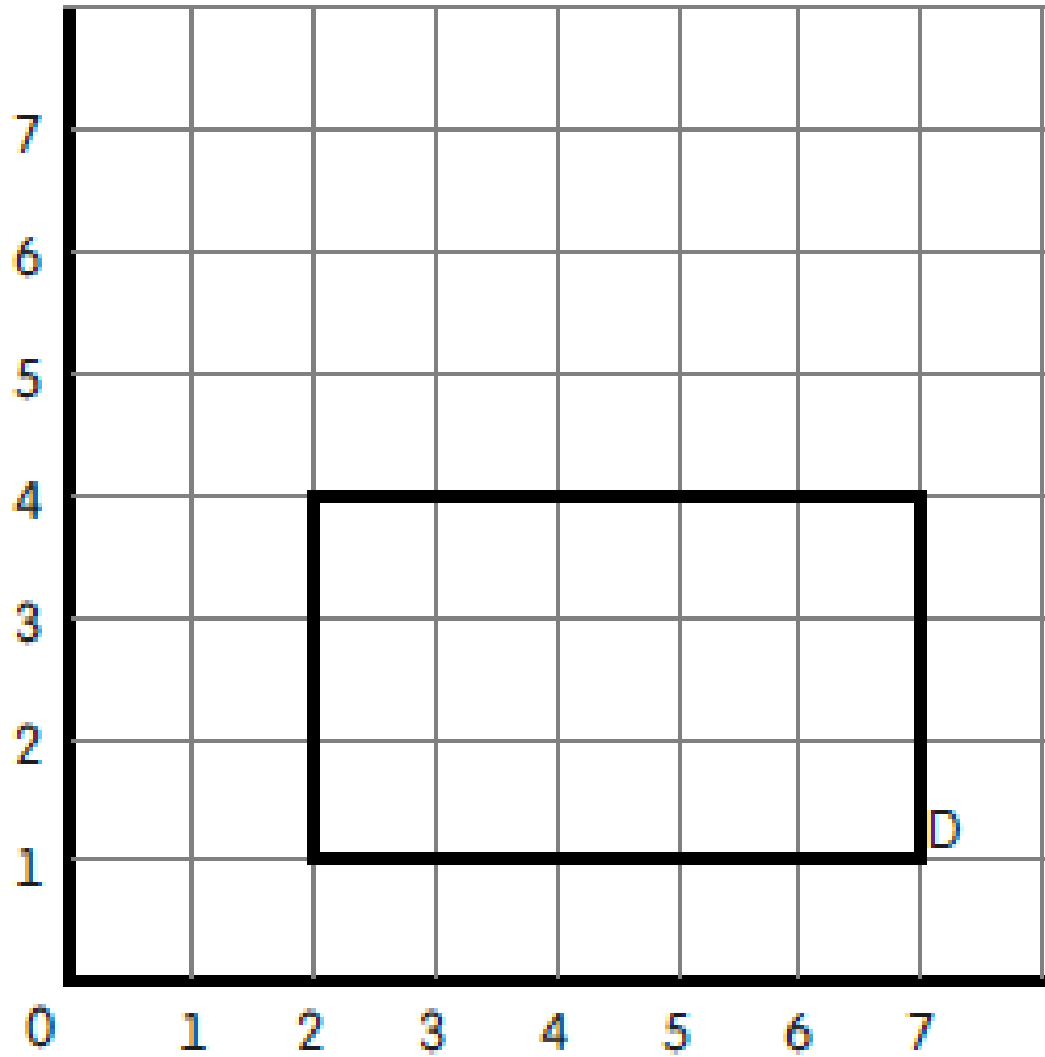
Translate the shape on the coordinate grid to the new coordinate grid.



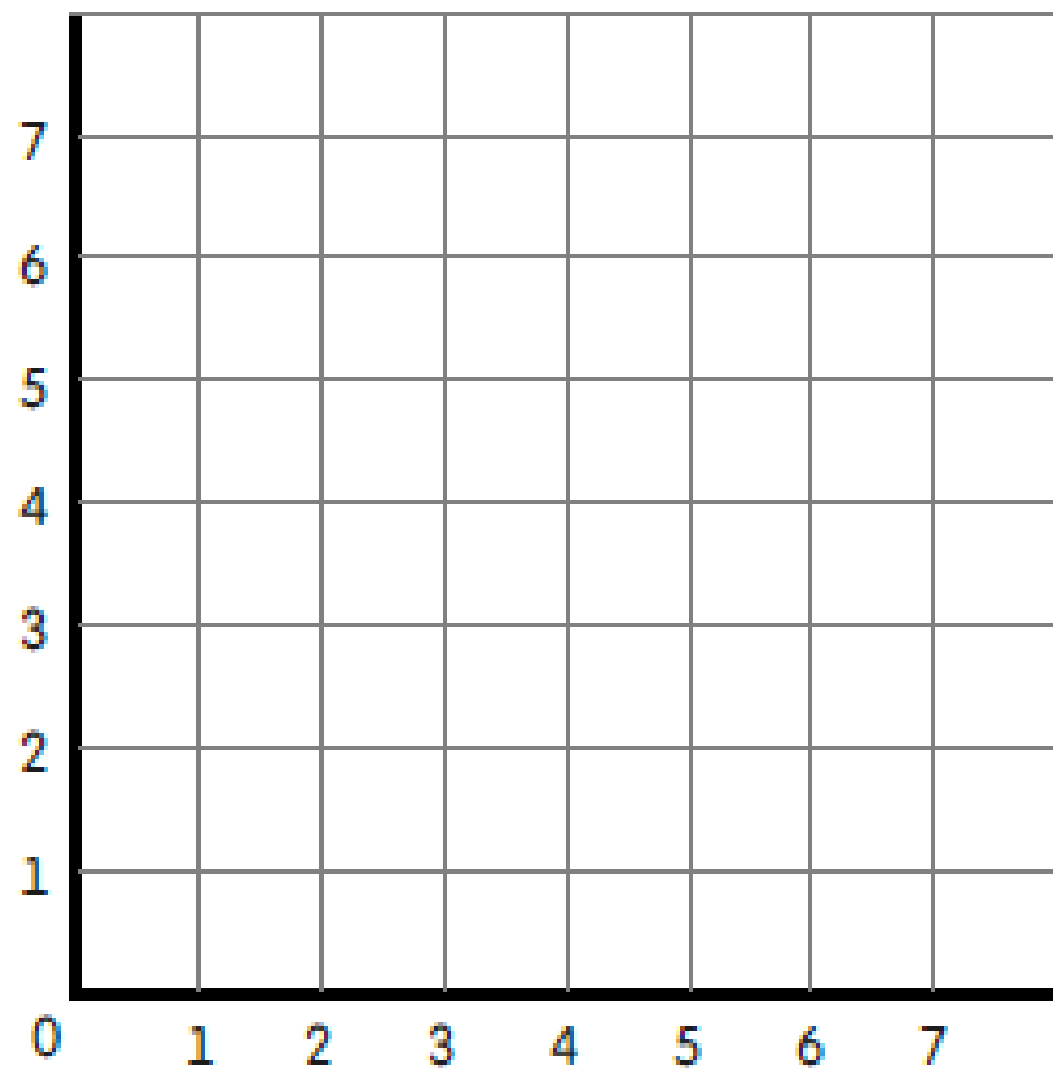
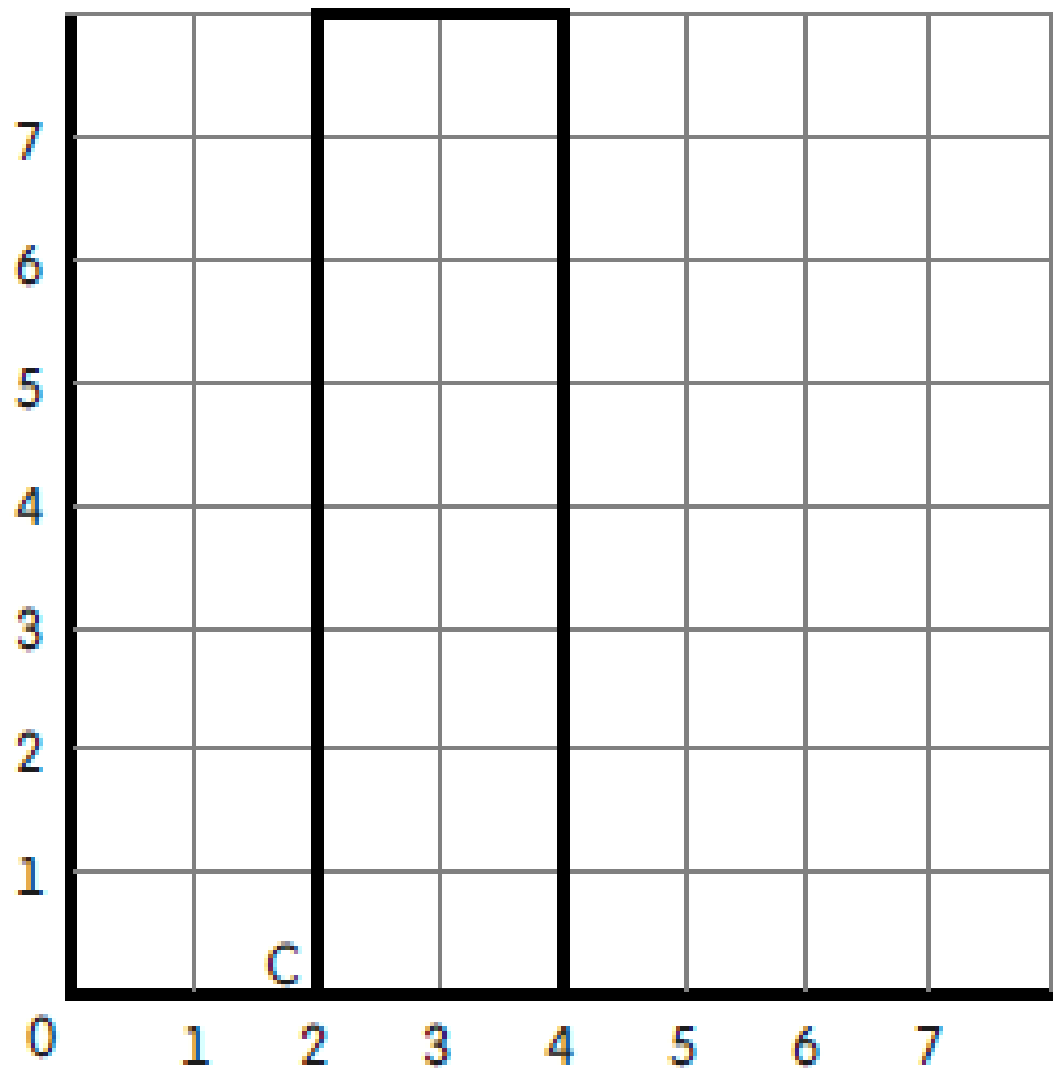
Move point A to (2,1)



Move point B to (1,2)



Move point D to (6,4)



Move point C to (5,0)

## LO: To explain the meaning of words in context

- Read the story again
- Think about what the bold words mean in that sentence
- Use the similar word box or a dictionary to help you
- Reread the sentence to check your definition makes sense.

### What do the words mean?



Have a look back at the story. All of the words below are in bold. See if you can work out what they mean from the context of the story and jot your ideas down here.

If you are stuck, there is a list of matching words below to help you. If you are still stuck, you could ask someone else in your home to tell you, or use a dictionary or the web.

Target Word	Definition that fits with the story
squally	
shabby	
humble	
scowled	
seething	
tentatively	
redeemed	
exclusive	
rummaging, rummaged	
sullenly	
stashed	
immense	

howled	
distraught	
compensation	
discarded	
turnmoil	
gathered herself together	

### Similar words help box

upset	sulkily	uncertainly	searching	confusion
roared	damages	furious	frowned	became
calmer	enormous	small	threw away	put away
claimed	unique	stormy	tatty	



**Challenge:** Many words can mean different things depending on the context they are used in. Investigate whether there are other possible meanings for the word using a dictionary or the web. Jot your findings in the grid above.

Friday 10th July 2020 - spelling

LO: To practise personal spelling words.

Chose 10 tricky words from the 5/6 spelling list

Practise using your choice of activity e.g. race for the line, pyramids or sentences.

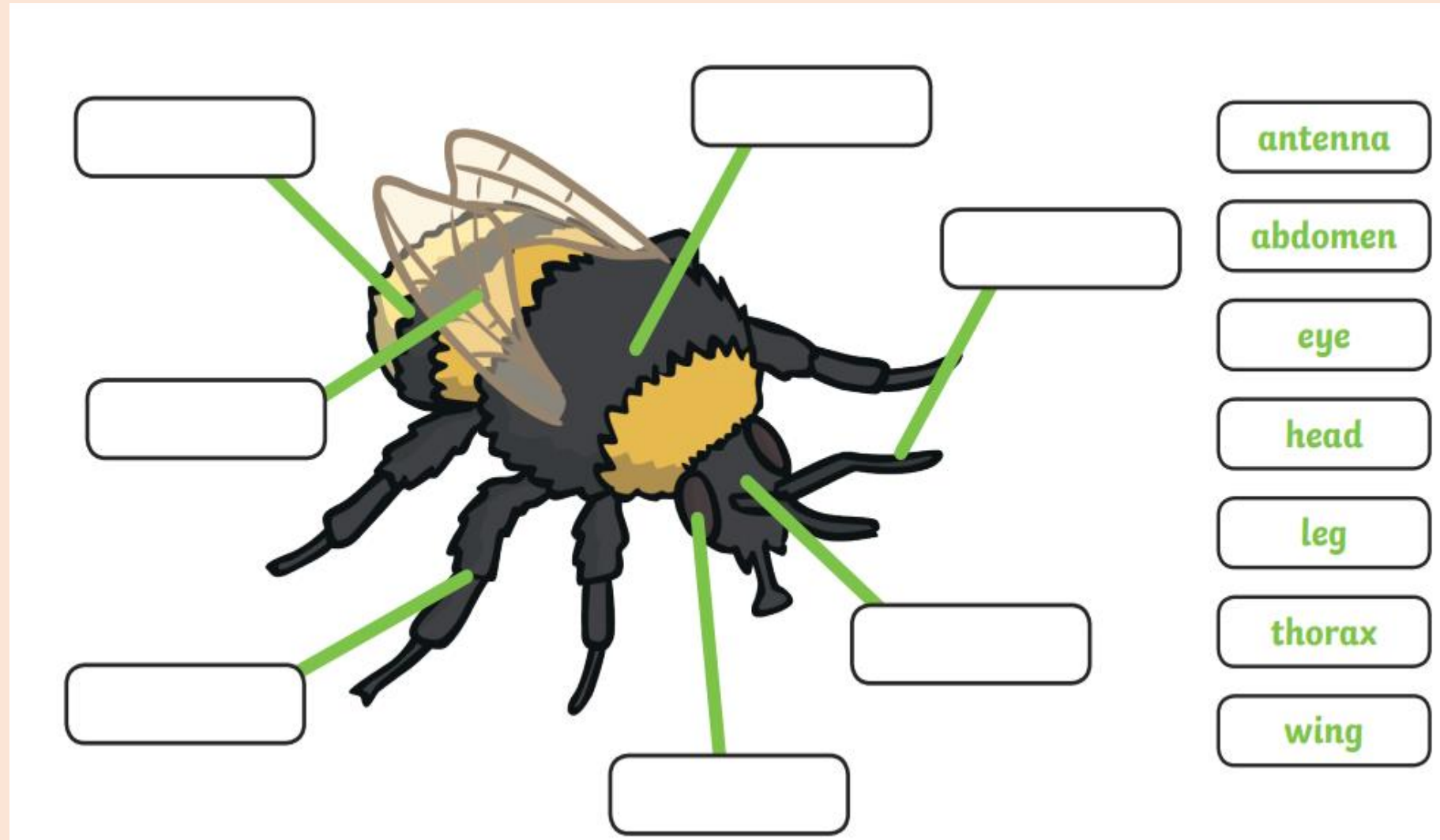
accommodate	conscience	existence	muscle	rhythm
accompany	conscious	explanation	necessary	sacrifice
according	controversy	familiar	neighbour	secretary
achieve	convenience	foreign	nuisance	shoulder
aggressive	correspond	forty	occupy	signature
amateur	criticise	frequently	occur	sincere
ancient	curiosity	government	opportunity	sincerely
apparent	definite	guarantee	parliament	soldier
appreciate	desperate	harass	persuade	stomach
attached	determined	hindrance	physical	sufficient
available	develop	identity	prejudice	suggest
average	dictionary	immediate	privilege	symbol
awkward	disastrous	immediately	profession	system
bargain	embarrass	individual	programme	temperature
bruise	environment	interfere	pronunciation	thorough
category	equip	interrupt	queue	twelfth
cemetery	equipped	language	recognise	variety
committee	equipment	leisure	recommend	vegetable
communicate	especially	lightning	relevant	vehicle
community	exaggerate	marvellous	restaurant	yacht
competition	excellent	mischievous	rhyme	

Friday 10th July 2020 - science

LO: To label the parts of an insect

- Use the internet or books if needed
- Label parts using the word bank.
- Draw your own insect and label the parts

**Challenge: Draw another type of mini beast and label the different parts with their scientific names**

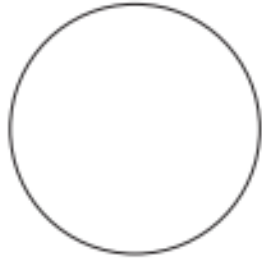




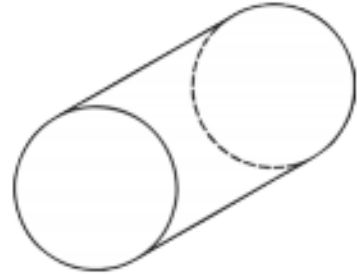
# Maths Answers



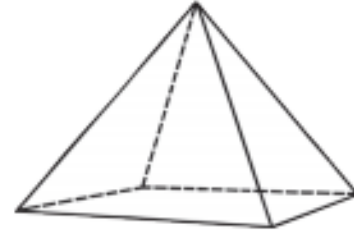
Be honest when you check your answers.  
If you are unsure of anything, please  
e-mail [year5@westfield.staffs.sch.uk](mailto:year5@westfield.staffs.sch.uk)



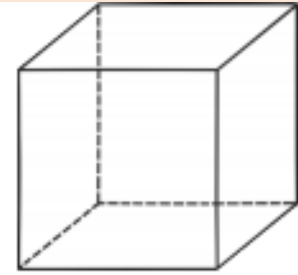
Shape of faces: **curved**  
Number of vertices: **0**  
Number of edges: **0**  
Name: **sphere**



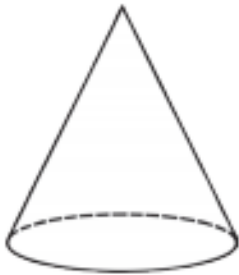
Shape of faces: **circular**  
Number of vertices: **0**  
Number of edges: **2**  
Name: **cylinder**



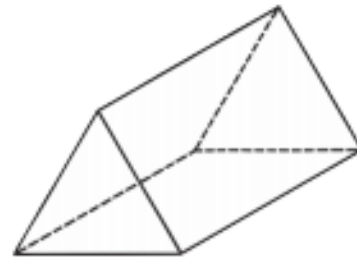
Shape of faces: **triangular and rectangular**  
Number of vertices: **5**  
Number of edges: **8**  
Name: rectangular **pyramid**



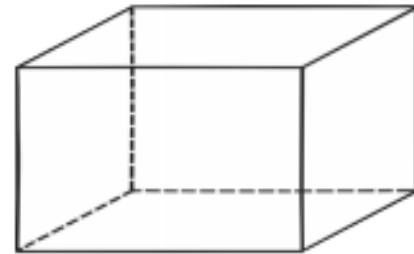
Shape of faces: **square**  
Number of vertices: **8**  
Number of edges: **12**  
Name: **cube**



Shape of faces: **circular**  
Number of vertices: **0**  
Number of edges: **1**  
Name: **cone**



Shape of faces: **triangular and rectangular**  
Number of vertices: **6**  
Number of edges: **9**  
Name: **triangular prism**



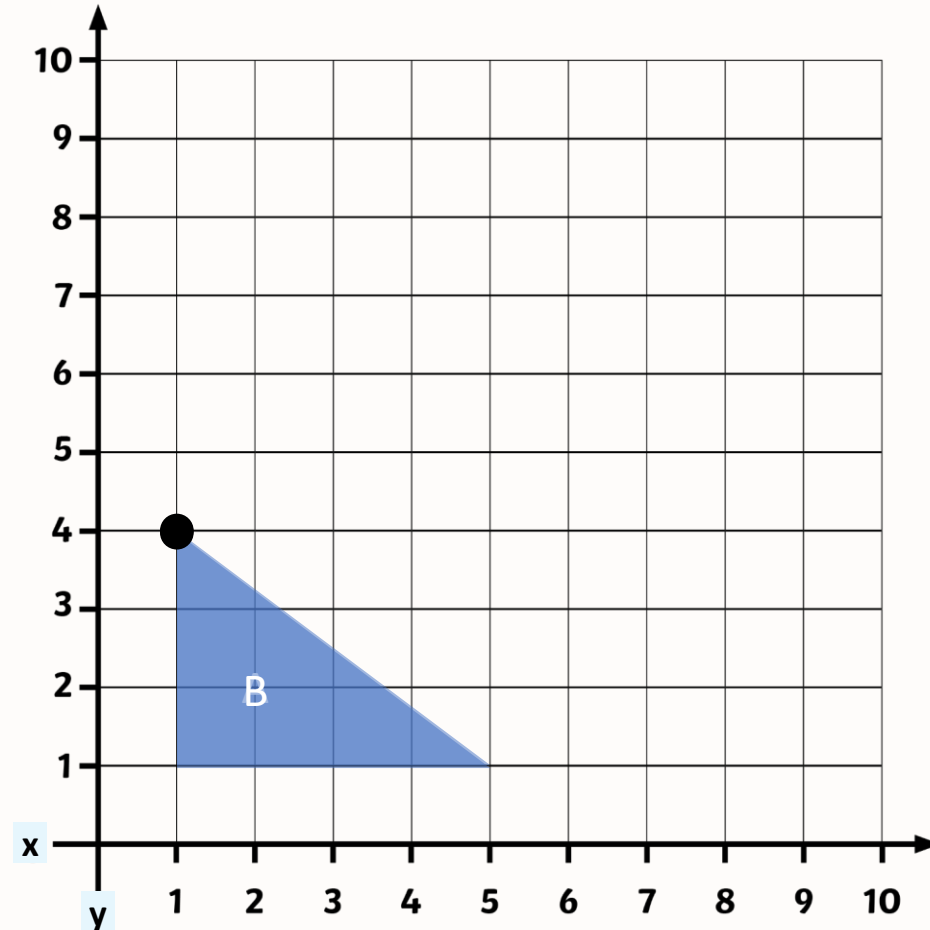
Shape of faces: **rectangular**  
Number of vertices: **8**  
Number of edges: **12**  
Name: **cuboid**

# How Do We Describe a Translation?

To describe a translation, you have to say how many squares it has moved to the left or right, and how many squares it has moved up or down.

The shape has been translated **4 squares to the right**. Then **3 squares up**.

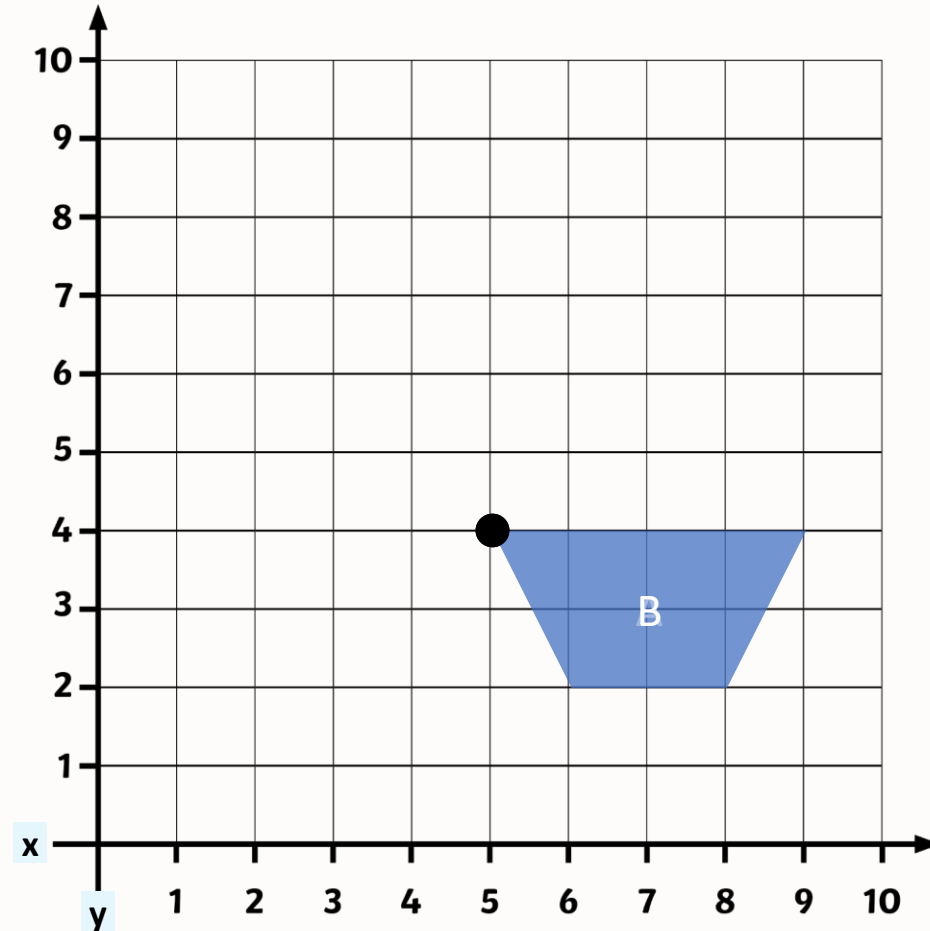
The coordinates of the black point on shape A are (1,4).  
What are the coordinates of the point shown on shape B?  
**(5,7)**



# How Do We Describe a Translation?

The shape has been translated  
**4 squares to the left.**  
Then **5 squares up.**

The coordinates of the black  
point on shape A are (5,4).  
What are the coordinates of  
the point shown on shape B?  
**(1,9)**

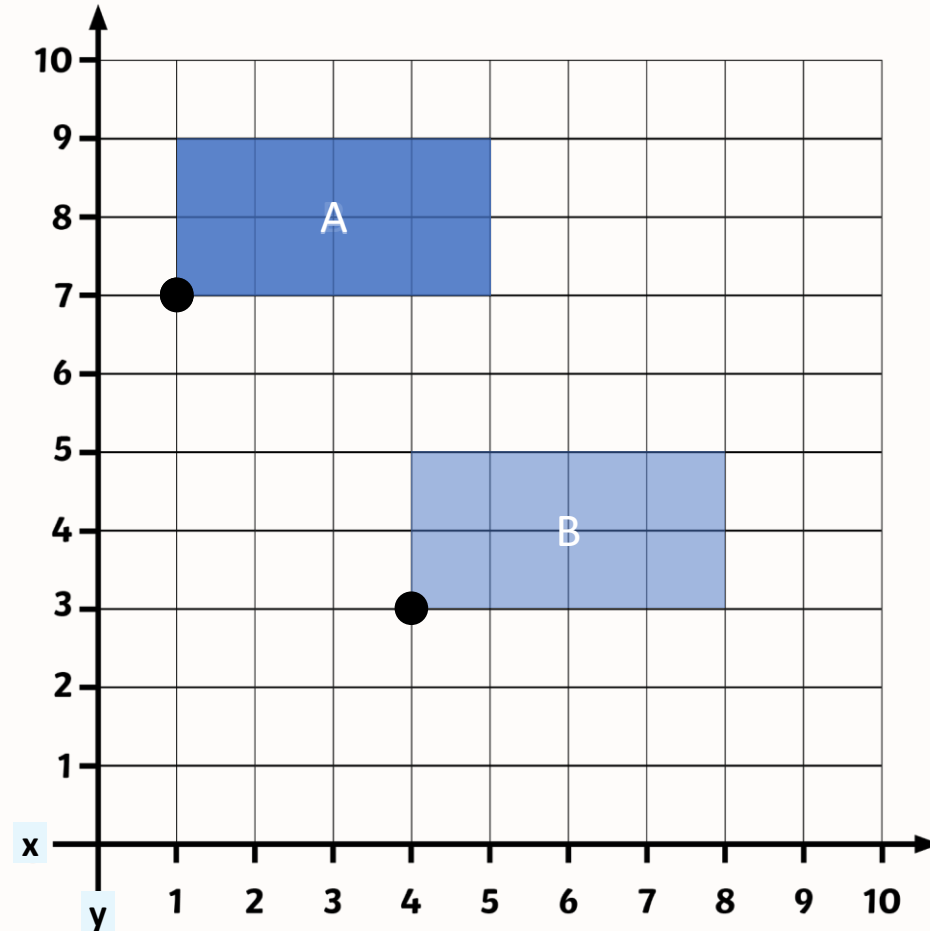


# How Has This Shape Been Translated From A to B?

This shape has been translated **3 squares to the right** and **4 squares down**.

Can you work out the coordinates of the black point on shape A and shape B?  
**(1,7) (4,3)**

Can you work out all the coordinates of shape B?  
**(4,3) (8,3) (8,5) (4,5)**

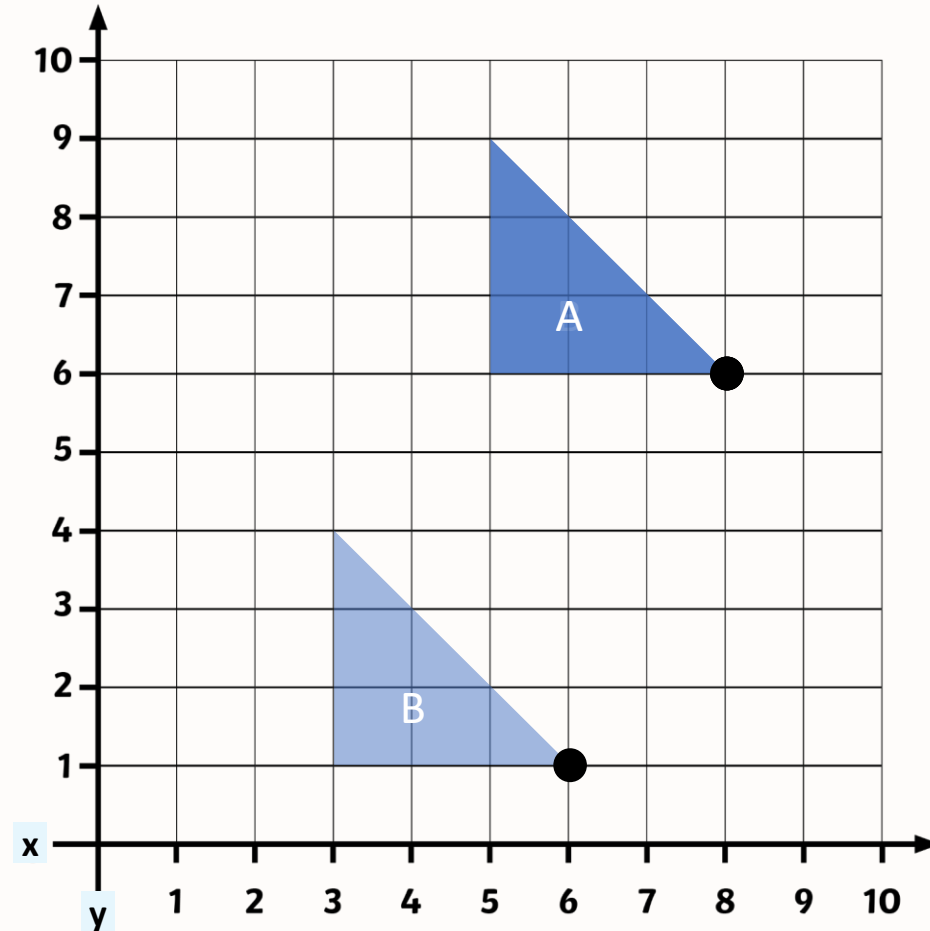


# How Has This Shape Been Translated From A to B?

This shape has been translated **2 squares to the left** and **5 squares down**.

Can you work out the coordinates of the black point on shape A and shape B?  
**(8,6) (6,1)**

Can you work out all the coordinates of shape B?  
**(6,1) (3,1) (3,4)**

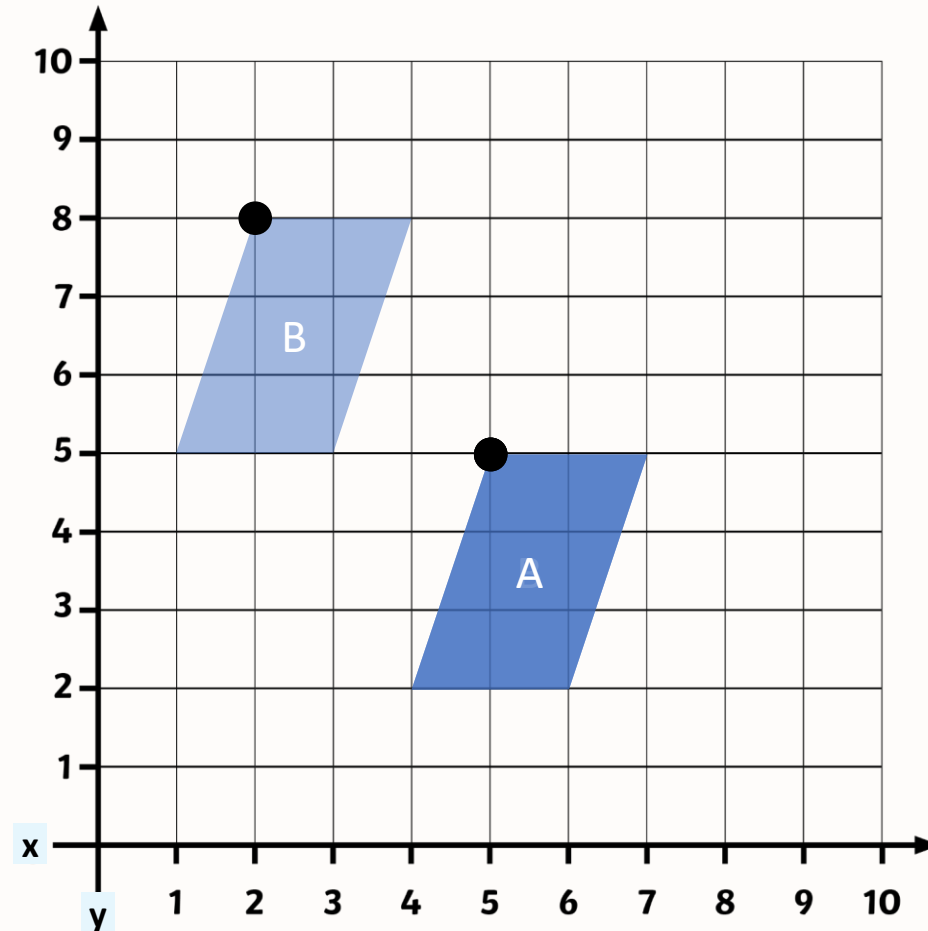


# How Has This Shape Been Translated From A to B?

This shape has been translated **3 squares to the left** and **3 squares up**.

Can you work out the coordinates of the black point on shape A and shape B?  
**(5,5) (2,8)**

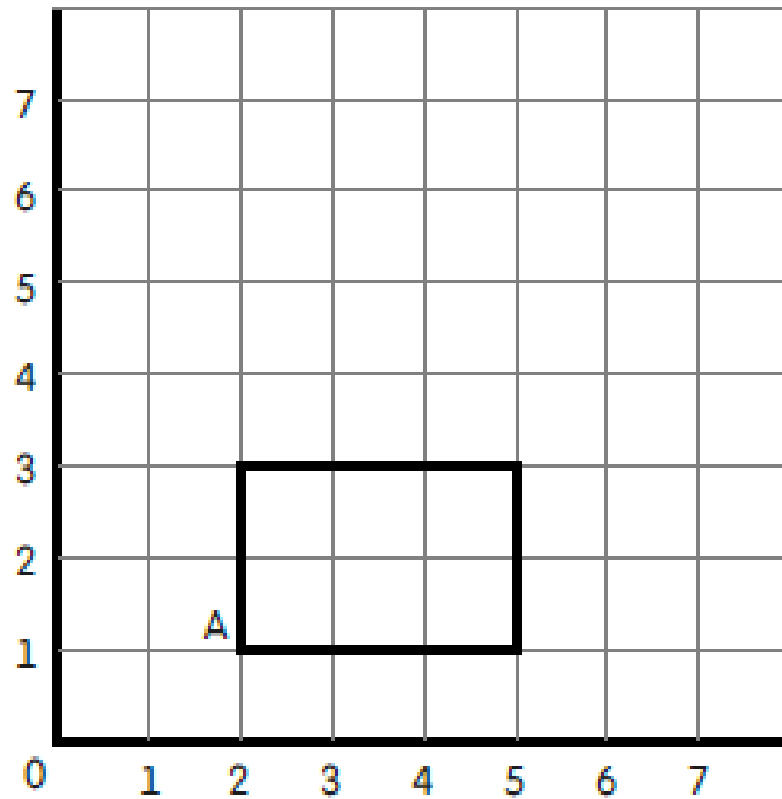
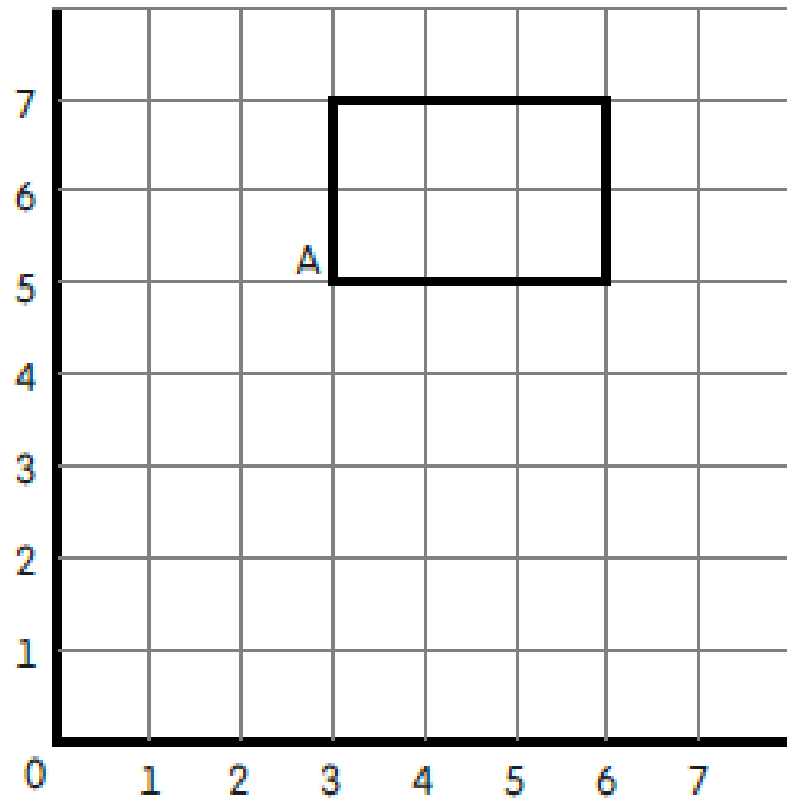
Can you work out all the coordinates of shape B?  
**(2,8) (4,8) (3,5) (1,5)**



# Friday 10th July 2020 – maths

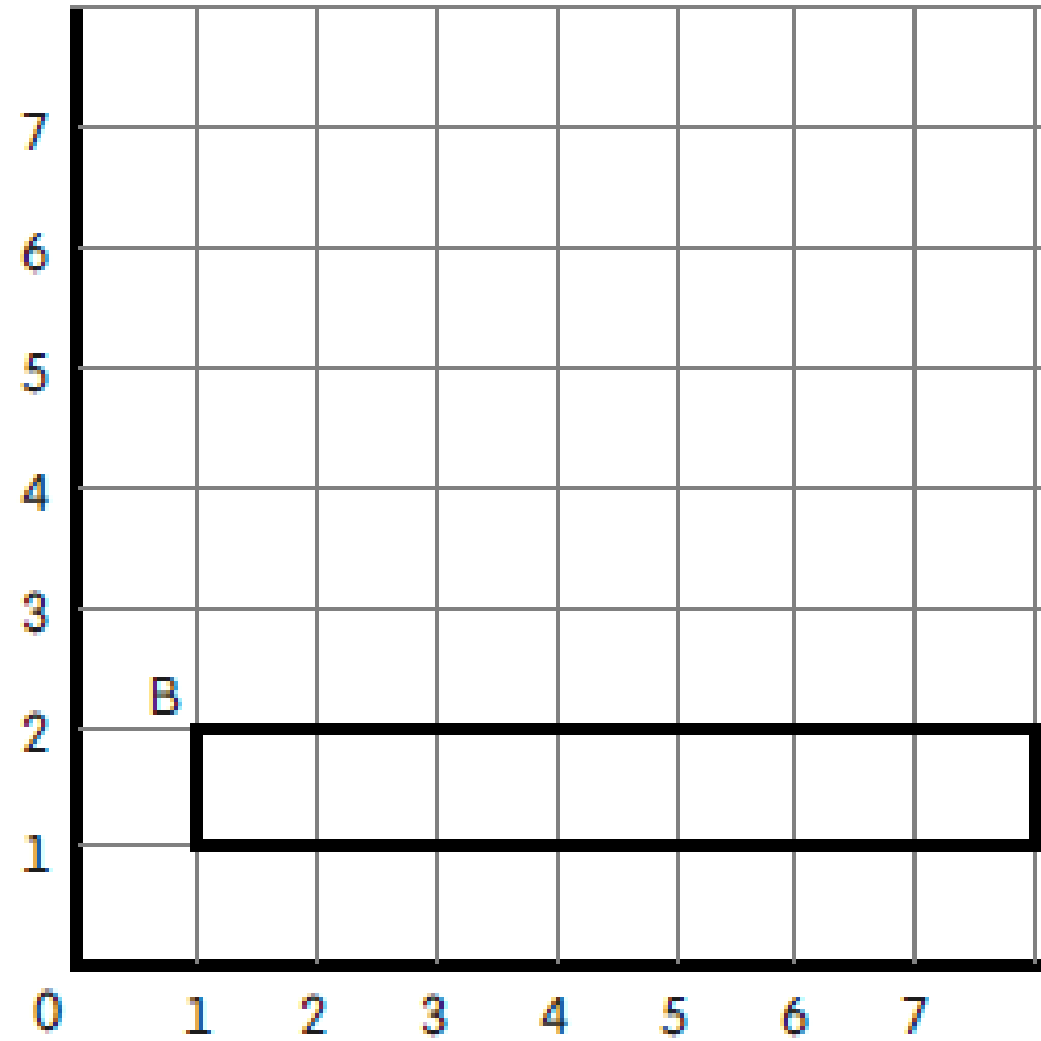
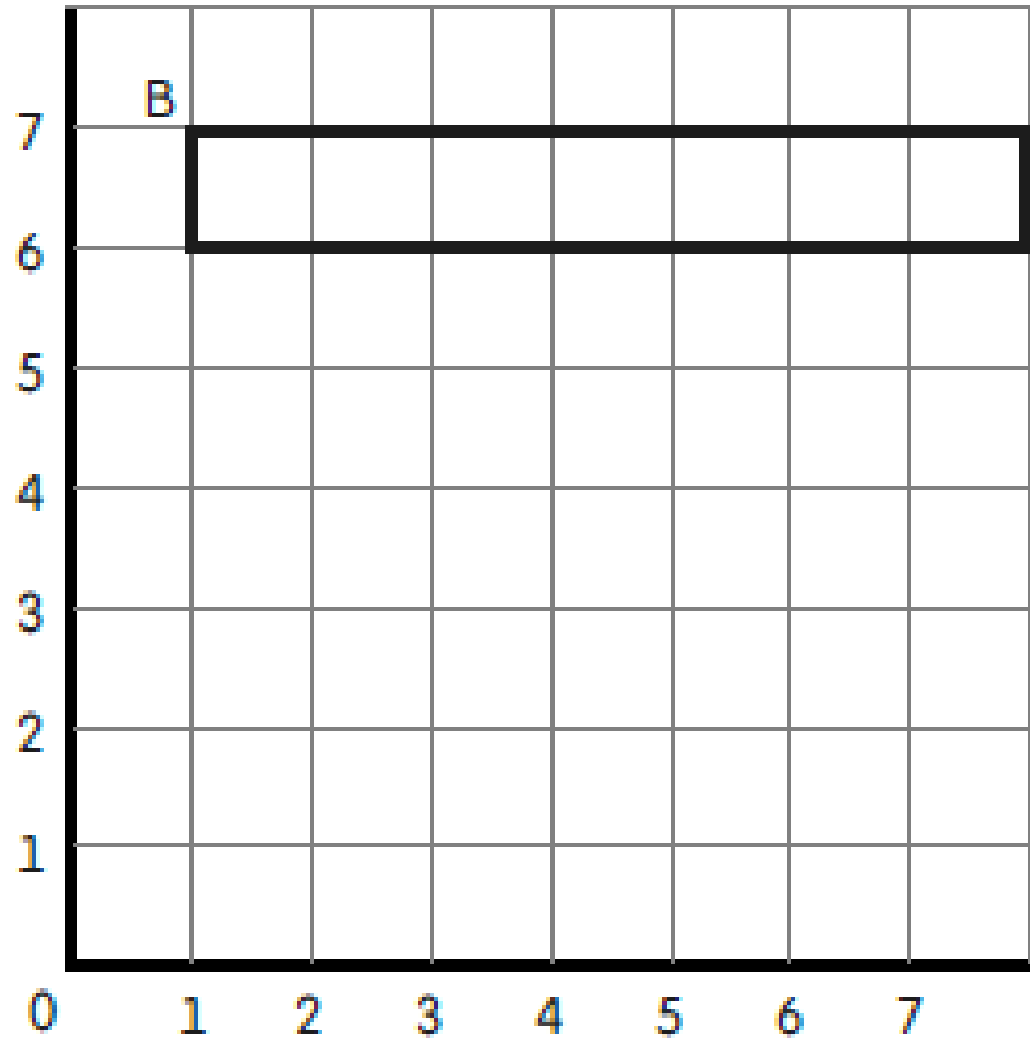
## Answers

Translate the shape on the coordinate grid to the new coordinate grid.



Move point A to (2,1)

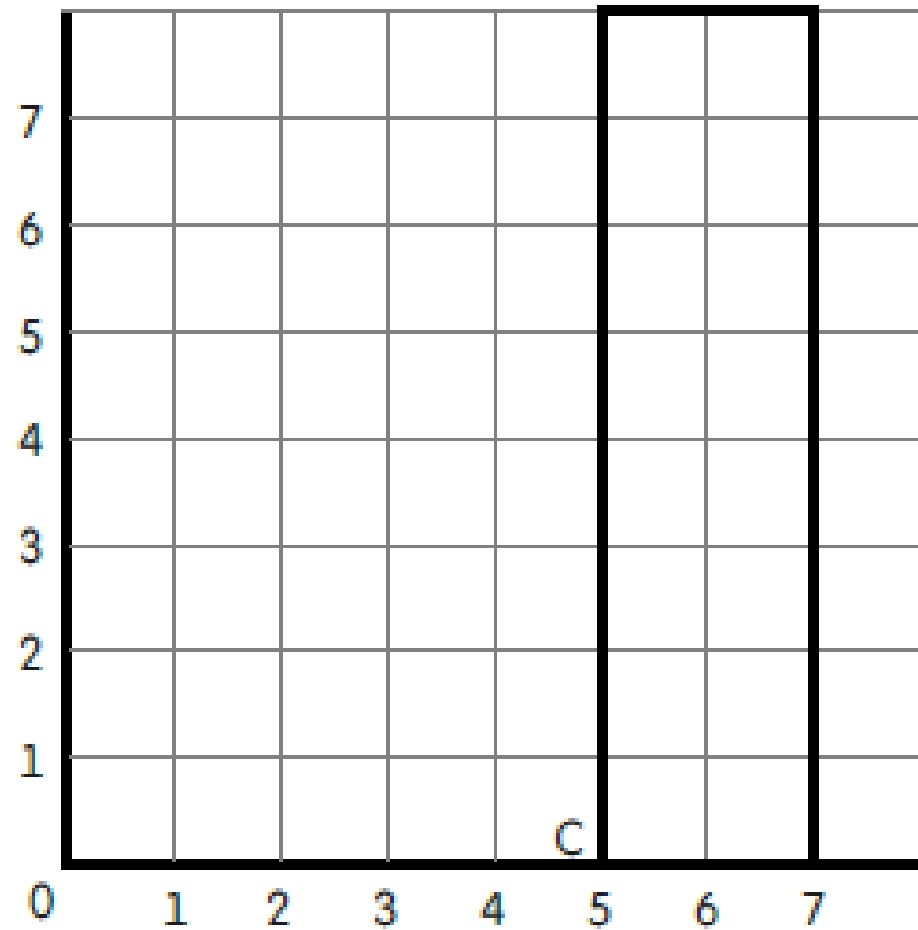
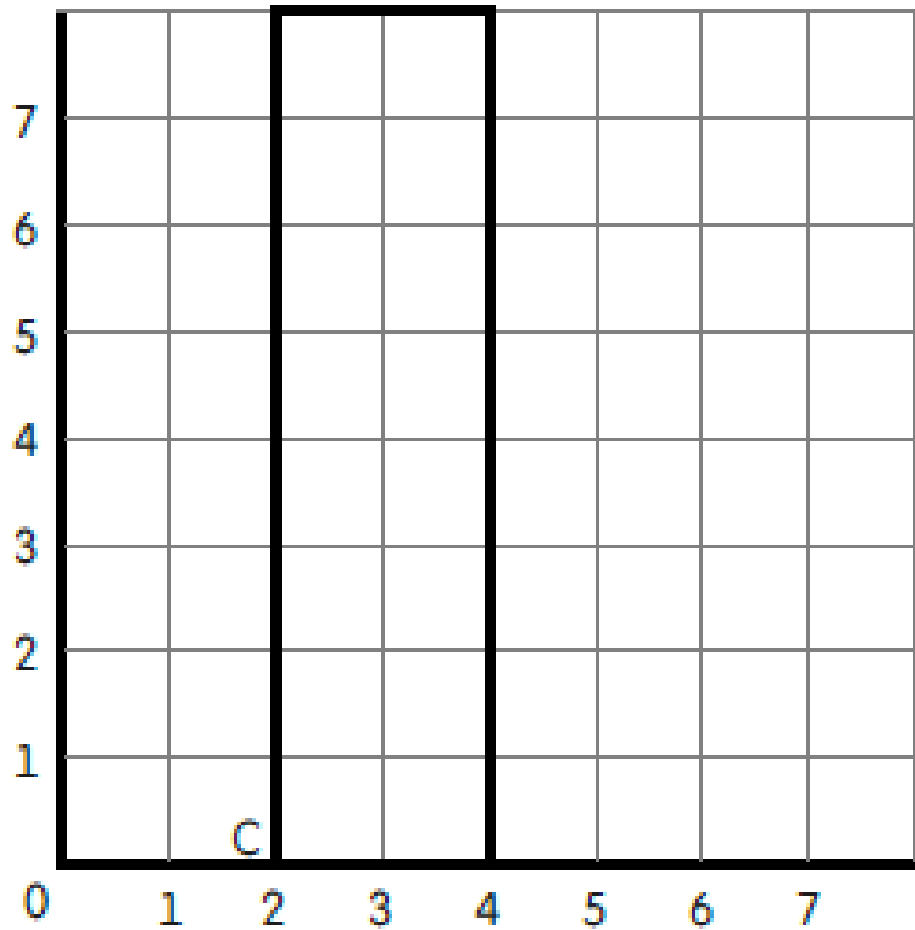




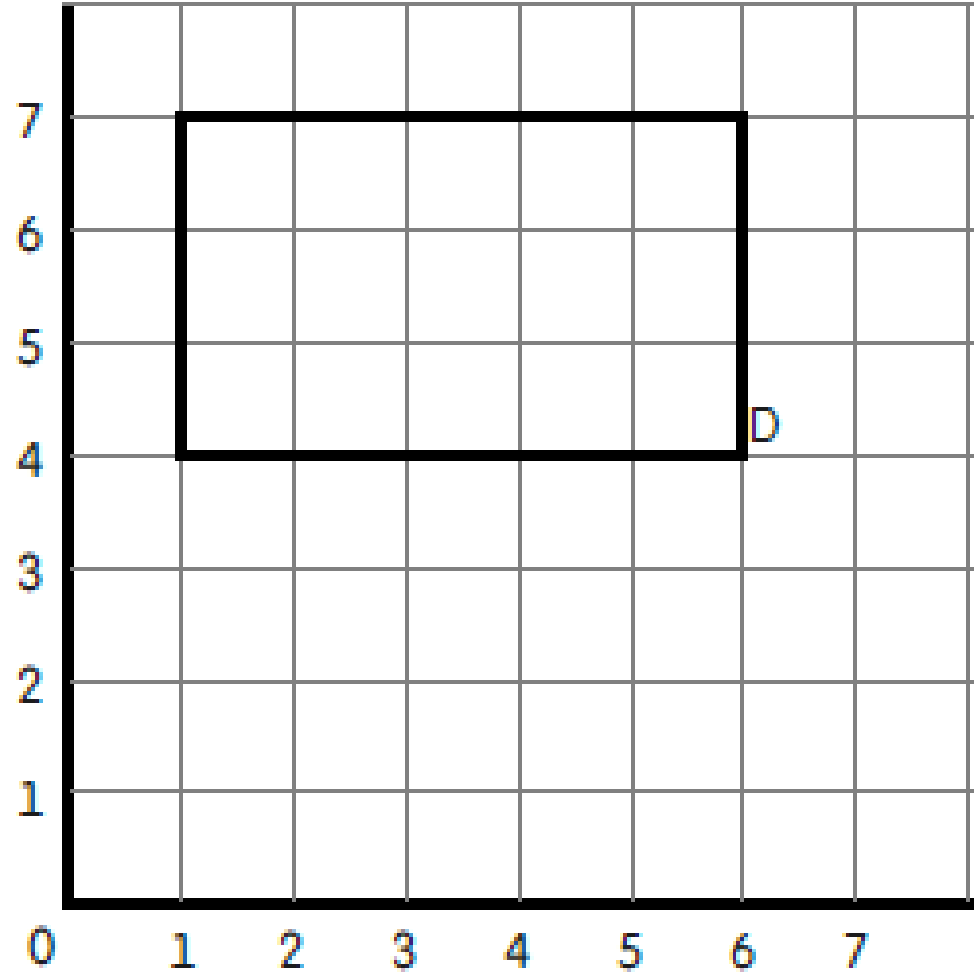
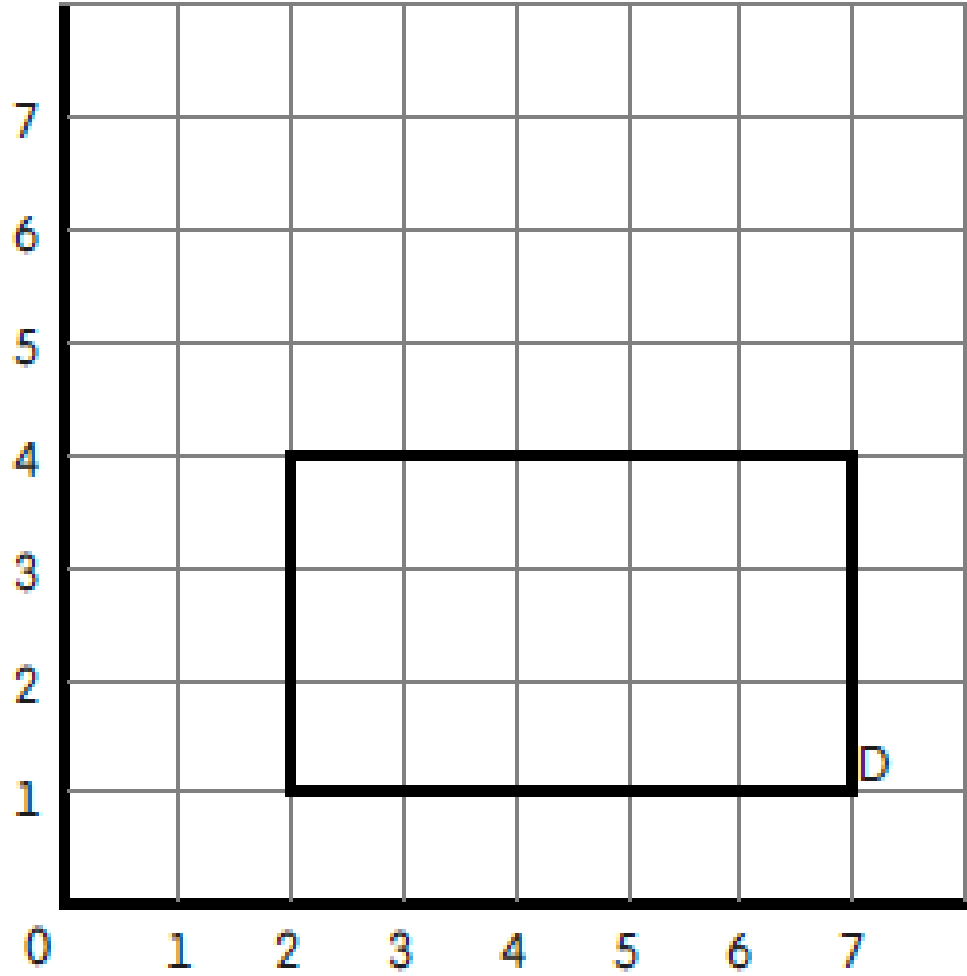
Move point B to (1,2)

## Answers

Translate the shape on the coordinate grid to the new coordinate grid.



Move point C to (5,0)



Move point D to (6,4)