Home Learning – Stage 2 – Term 3 – Week 10

You will need access to a digital device to complete some of the following activities. You may need some support from a parent/carer to complete/ reflect on tasks. Your spelling sheets are attached by email and uploaded to your Google Classroom. Your spelling sheets are attached by email and uploaded to your Google Classroom. Tasks highlighted green can be submitted through the Google classroom to receive feedback or send an email with a photo or scan of your work. This will support teachers in tracking student learning. We ask that these tasks are prioritised. The Google Classroom will have the comment feature enabled from 9:30am – 1:30pm which will allow students to ask questions and engage in discussions with their peers. It is essential that this feature is used respectfully and responsibly so that students can be effectively supported at home. This fortnight's smiling mind meditation and focus is goal setting https://app.smilingmind.com.au/sessions/336/922/1984/

Smiling Mind Lesson 15 – Acts of Kindness

Can you think of examples of when someone has been kind to you or when you have been kind to someone else? Have you ever been kind to a stranger or someone you don't know well? Explain

- Discuss
- —What did your bubble of happiness look like? Where in your body was it floating?
- —Could you think of someone that needs a big hug at the moment?
- —Did you mind wander during this exercise?

This is normal and natural. The more we practise, it becomes easier to focus.

How do you feel now? Share two words to describe your feelings.



Attendance - Please make sure that children check in <u>daily</u> by 10am. This can be done through the attendance question on Google Classroom or by emailing the school on <u>sutton-p.school@det.nsw.edu.au</u>.

	Monday	Tuesday	Wednesday	Thursday	Friday
Task	Listen to a Smiling Mind meditation.	Listen to a Smiling Mind meditation.	Listen to a Smiling Mind meditation.	Listen to a Smiling Mind meditation.	Listen to a Smiling Mind meditation.
Morning	English Spelling Read through your spelling list Use the SMART strategy to go through your words (S- Say, M- Meaning/context, A- Analyse sounds and letters, R- what do you need to Remember and T- reteach the word. Choose 10 spelling words to work on for the week. Copy the words for the day and complete the segmenting sheet. Reading Read a book of your choice for 15 minutes Grammar - Contractions Watch the video or read about the 'apostrophe of contractions' and play	English Spelling Copy the words for the day and record their dictionary meanings. Reading Read the text 'One Big Croc' and answer the quiz. Grammar - Contractions Watch the video or read about the noun groups and have a go at the Contractions Quiz. Writing If you have not done so, complete your information report on the Kiwi 34T or Lemur 34F.	English Spelling Write each of your spelling words out in the order from the shortest word on the list to the longest word on the list. Reading Read a book of your choice for 15 minutes 9.30am Stage 2 Sustainability Zoom with Ms Croser Writing Acrostic Poetry Watch the 2 youtube clips. https://www.youtube.co m/watch?v=61s- FKjzyD8 https://www.youtube.co m/watch?v=GNr LsVbYj	English Spelling Collect some small rocks and use them to form your spelling words. You can take a photo and upload to the stream! Reading Read the text 'History of Baseball' and answer the quiz. Grammar - Proofreading- Where's my Mouse? Read and rewrite the text. You will need to find 3 spelling mistakes. You will need to add 6 capital letters, 4 fullstops and 5 apostrophes of contraction.	English Spelling Ask a parent/carer, sibling or watch the video to test you on your words. Upload your results Reading Read a book of your choice for 15 minutes Writing You can use this time to write for your book competition. Write an acrostic poem about Home Learning

	the contractions capers game with someone in your family. Writing If you have not done so, complete your information report on the Kiwi 34T or Lemur 34F. You can use this time to write for your book competition.	You can use this time to write for your book competition.	Write an acrostic poem about Spring You can use this time to write for your book competition.	Writing Write an acrostic poem about using a friend's name. You can use this time to write for your book competition.	
Lunch	Lunch	Lunch	Lunch	Lunch	Lunch
Middle	Mathematics Warm up Write your 5 times tables and record your time. Task – Stage 2 Task- Dependent and independent events Video Watch the video on Maths Online Independent Complete the online questions suggested or the appropriate question sheet marked 'L1', 'L2'	Mathematics Warm up Write your 6 times tables and record your time. Task – Assessment Task 1. Complete the assessment task on Maths on Line	Mathematics Warm up Write your 5 times tables and record your time. How did you do compared with Monday? Task – Task – Assessment Task 2. Complete the assessment task on Maths on Line	Mathematics Warm up Write your 6 times tables and record your time. How did you do compared with Tuesday? Stage 2 Task- Compass directions/describing position Watch the video on Maths Online Independent Complete the appropriate	Mathematics Warm up Write your 5&6 times tables and record your time. Stage 2 Task- Giving directions/grid coordinates Watch the video on Maths Online. Independent Complete the appropriate question sheet marked 'L1', 'L2' or 'L3' with level

	or 'L3' with level 3 being the most challenging (L. Google Classroom). If you are completing your work on paper, focus on laying out your work neatly.			question sheet marked 'L1', 'L2' or 'L3' with level 3 being the most challenging (L. Google Classroom). If you are completing your work on paper, focus on laying out your work neatly.	3 being the most challenging (L. Google Classroom). If you are completing your work on paper, focus on laying out your work neatly. You may also choose to complete some of the Sutton Public School,
Break	Break	Break	Break	Break	Break
Afternoon	Geography Please go to the link below and enter the password to access Stage 2 Geography lessons http://inq.co/class/6STDI Password- 4767 Complete page 5 of: What are the natural features of Madagascar?	Science and technology Please go to the link below and enter the password to access Stage 2 Science lessons Password- 5152 Complete page 5 and share your work.	Classes have been working to support the completion of the sustainable garden on Wednesdays. Take this as an opportunity to check in with the Google Classroom set up by Mrs Croser or get out in your own garden. Share your work	Watch this week's episode of BTN https://www.abc.net.au/btn/classroom/20210824-ep24-btn/13505516	PDHPE Complete your favourite footsteps lesson. If you're feeling confident take a short video and share it to the class feed.
	Extension Activity :if you have finished the work above. Open the Geography	Extension Activity Watch the video on bees https://www.youtube.co			

website about B Comple	a link to a with information aobab trees. te the cloze	m/watch?v=f9zUsEIn8lg Answer the questions on the Science Inquiry doc. Then create a poster to advise how important bees are and what is		
•	and mapping	bees are and what is threatening them.		

What are the natural features of Madagascar?



What are the natural features of Madagascar?

The Republic of Madagascar is an African country. It is an island that sits in the Indian Ocean, off the coast of southern Africa. It is an isolated island that has been separated from all other places for many thousands of years. Because of this, many rare plants and animals are found here and not anywhere else in the world.

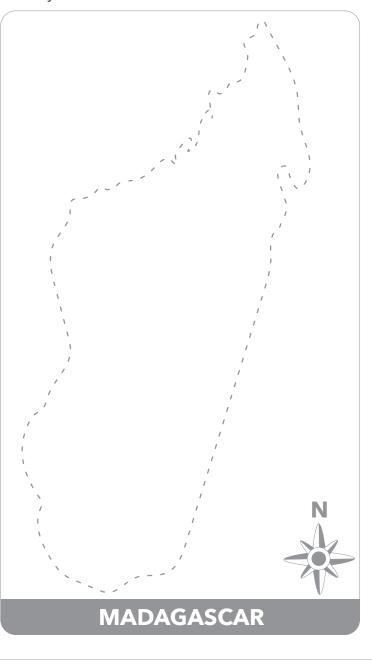
Draw your own sketch map of Madagascar using the outline below. Use the facts about its natural environment to help you. Include a legend or key or label the features as you add them.

There is a range of mountains from top to bottom, right down the middle.

Some small volcanoes in the North.

Limestone forests in the West.

Desert in the South.



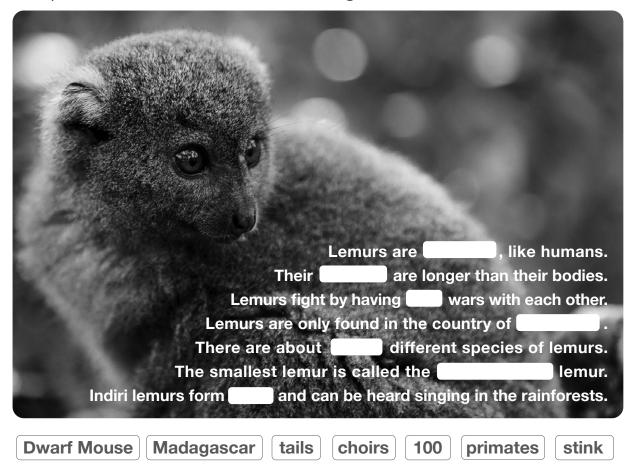
Rainforest in the East, near the coast.

A small island off the east coast.

Legend

Read the eBook: Natural Features of Madagascar. Choose one of the natural features in the book and create a great mind map about it. What is there? Climate Animals **Natural Feature Drawing/Sketch Other Interesting** facts Think about what you know about the natural features of Australia and Madagascar. What things do they have in common?

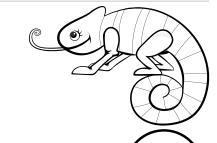
- Lemurs are the national animal of Madagascar. They live in trees and eat fruit, leaves, bark and flowers. Some of them like to spend their days sunbaking in groups. Different species live in different parts of the country.
- **a** Complete the sentences about lemurs using the words below.



b Match the names of the lemurs with the pictures.



- **c** Lemurs are one of the most endangered animals on the planet. Why do you think this might be?
- Watch the video about the weird and wonderful Madagascan chameleon.



a What do you see?





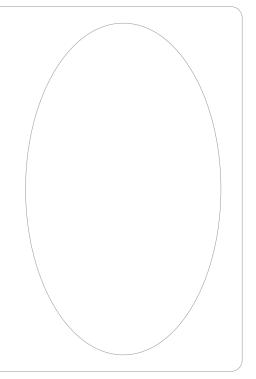
c What do you wonder?



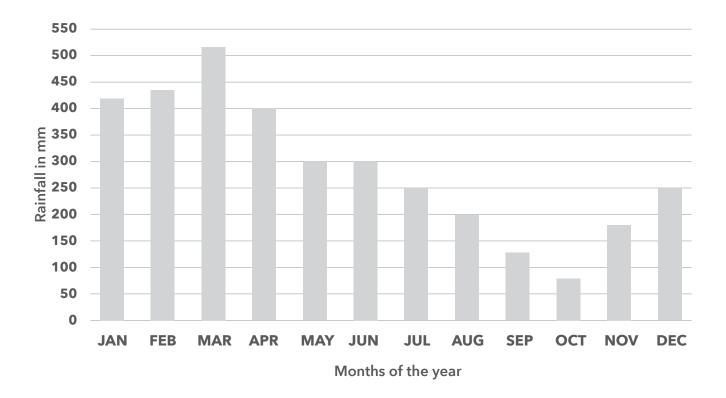
d Create your own fact file card for Chameleons.

Use the websites to help you.

Chameleon Fact File



The Masoala rainforest has a very wet climate. The column graph below shows how much rain falls there in a year. Use the graph to find the answers to the questions.



- a How many mm of rain falls in December?
- **b** Which is the wettest month? _____
- **c** Which is the driest month?
- d Which two months have 300mm of rain?
- e How many months get more than 400mm of rain?
- f How much more rain does March get than April?
- g What is the total amount of rainfall for a year?
- Can you think of any places in Australia that might have a similar amount of rainfall as the Masoala rainforest does?

8 Rainforests have four vegetation layers; emergent layer, canopy, understory, and forest floor. Label each one.



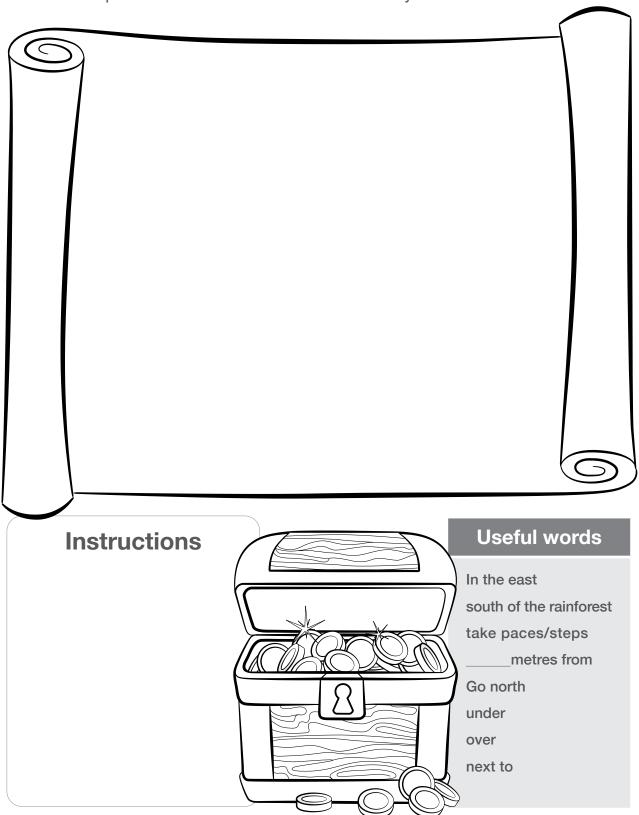
Madagascar is one of the most beautiful countries in the world but the people are very poor. Building a holiday resort in the rainforest would be a great way to bring tourists to spend money here. Complete a PMI chart for this idea.

Plus	Minus	Interesting



X marks the spot

Madagascar was once a haven for pirates. Imagine you are a pirate with a big booty of treasure that you need to hide. Look at the map of Madagascar in question 1 and think about where might be a good place to bury it. Make a treasure map of the area and include instructions for your crew on how to find it.



words from this information text about Baobab trees. The baobab is a tree with a thick _____. Baobab trees are found mainly in Africa. They also grow on the island of Madagascar. There are also species, or types, of baobab trees in India, Sri Lanka and Australia. In South Africa baobab trees grow in the drier parts of Limpopo province. The scientific name for these trees is Adansonia digitata. The name of the baobab comes from the _____ word buhibab. This means "fruit with many seeds." Baobab trees grow to be between 32 and 72 feet (10 and 22 meters) high. They lose their leaves in winter. Then the branches look like _____ that grow into the air. The explorer David Livingstone said that these branches give the tree an upside-down appearance. A baobab tree's trunk can have a circumference of more than 82 feet (25 meters) and a diameter of 29 feet (9 meters). The tree can store thousands of liters of in its trunk. Sometimes a baobab tree is _____ inside. As many as 50 people can stand in this trunk. Many baobabs are of years old. Baobabs have large that open in the evening. When the pollen from these flowers is mixed with water, it forms a strong __. The fruit of the baobab contains _____. The leaves taste a little like _____. Elephants, kudu and impala eat the leaves. The baobab tree is a source of legends and in Africa. It supplies the people with food, water, and _____

Use the website https://kids.britannica.com/kids/article/baobab/601923 to find the missing

Mark on the map the countries where this special tree is found.

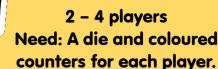


Suggest a reason why this tree is only found in these places			

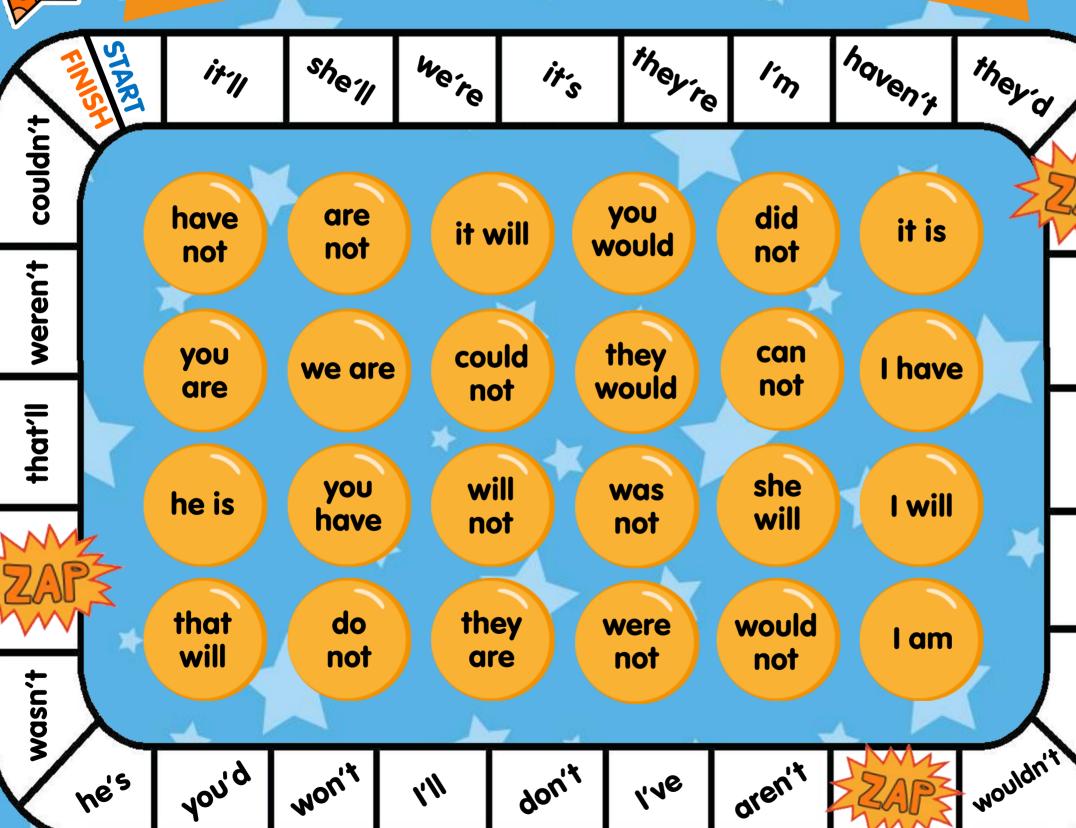


CONTRACTION CAPERS





Players roll a die and move their counters around the outside of the board. When they land on a contraction they have to find the two words that match it in the circles, then cover that circle with their coloured counter. If you land on a 'ZAP' you must miss a turn. The person with the most circles covered at the end wins. For a challenge, play three games and the person who wins the most games, is the overall winner!



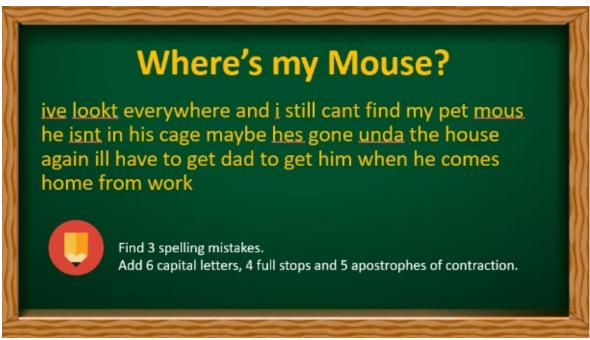
Teach IHIS

you're

didn't

you've

can't



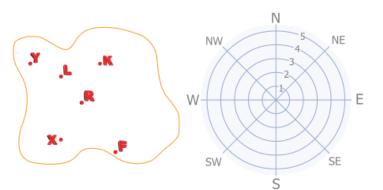
Read and rewrite the text. You will need to find 3 spelling mistakes. You will need to add 6 capital letters, 4 fullstops and 5 apostrophes of contraction.

Start here

Compass directions level 1

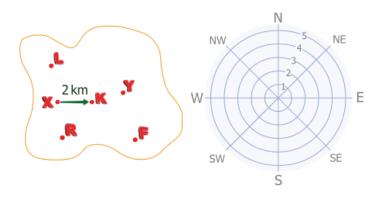
Q1 Q4 What is the direction from L to R? What is the direction from X to L? ΝE NE Q2 Q5 What is the direction from X to Y? What is the direction from Y to X? ΝE NW NE NW Е W SE SW Ś S Q6 Q3 What is the direction from L to R? What is the direction from K to B? ΝE Ν NW ΝE NW Ε W Ε SE S SW SE S

What is the direction from X to L?



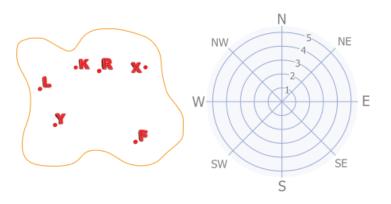
Q8

From X, which point is 2km E?



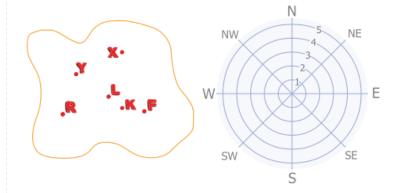
Q9

From X, which point is 5 km W?



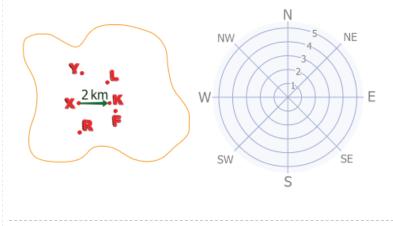
Q10

From X, which point is 4km S?



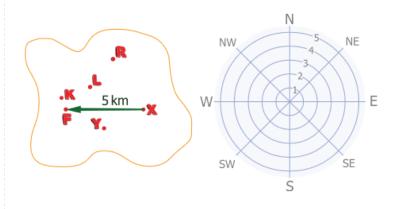
Q11

From X, which point is 2 km E?

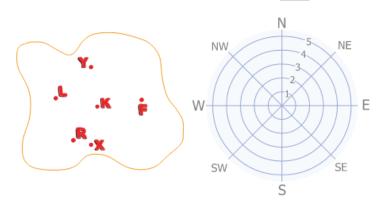


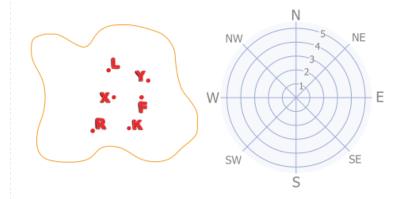
Q12

From X, which point is 5km W?



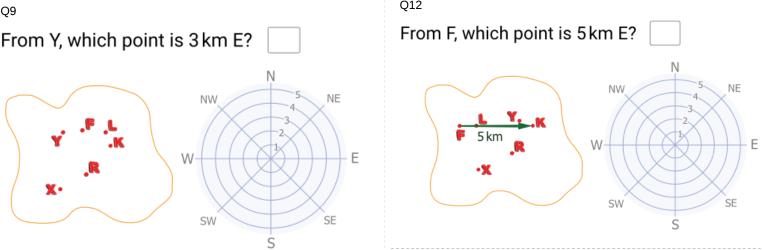
From F, which point is 2 km W?





Compass directions level 2

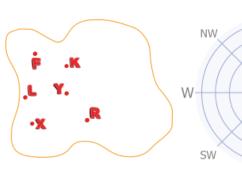
Q1 Q4 What is the direction from L to R? What is the direction from Y to X? ΝE NE SW SE Q2 Q5 What is the direction from K to B? What is the direction from X to L? ΝE NW NE SE SW SW SE S Q3 What is the direction from X to L? Q6 Ν From R, which point is 4km N? NE NW Ν NE NW Ε SE SW S SE SW Ś







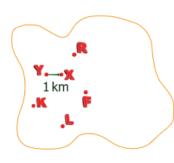
From K, which point is 2km S?





Q15

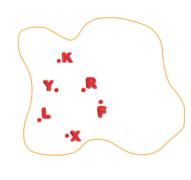
From Y, which point is 1 km E?





Q16

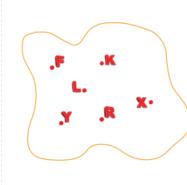
From R, which point is 2km W?





Q17

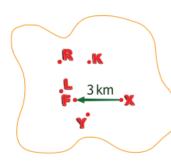
From K, which point is 4km S?





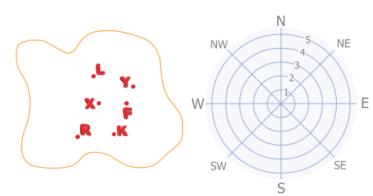
Q18

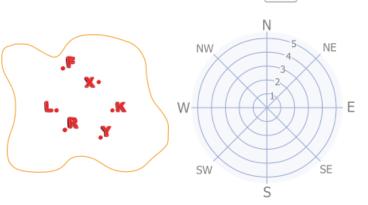
From X, which point is 3 km W?





From F, which point is 2 km W?





Compass directions level 3

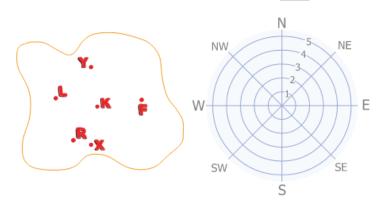
Q1 Q4 What is the direction from L to R? From R, which point is 4km N? ΝE NE W SE Q2 What is the direction from X to Y? Q5 From X, which point is 2 km E? ΝE NW NE NW Е W SE Ś SW Q3 From X, which point is 2km E? Q6 From Y, which point is 3 km E? Ν ΝE NW Ν NE Е SW SE Ś SE SW Ś

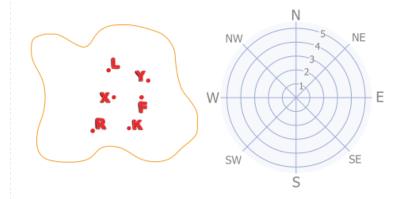
Ś

SW

SE

From F, which point is 2 km W?





Which two events cannot happen at the same time?

- A number is bigger than 10 and bigger than 20
- A number is smaller than 10 and bigger than 20
- O A number is bigger than 10 and smaller than 20

Q2

Which two events cannot happen at the same time?

- O A number is even and bigger than 6
- O A number is even and odd
- O A number is even and less than 3

Q3

Which two events cannot happen at the same time?

- O A shape is prism and has 5 faces
- A shape is a pyramid and has 7 vertices (corners)
- O A shape is a cube and has 7 faces

Q4

Which two events cannot happen at the same time?

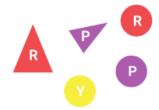
- A shape is a triangle and has more than 4 sides
- O A shape is a triangle and is red
- A shape is red and has more than 4 sides

Q5

Which two events cannot happen at the same time?

- O A shape is a square and is blue
- A shape is a square and has less than 4 sides
- O A shape is blue and has 5 sides

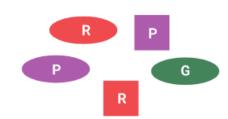
Q6



If I pick ONE of the shapes can it be red and a triangle?

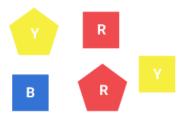
YES NO

Q7



If I pick ONE of the shapes can it be red and a circle?

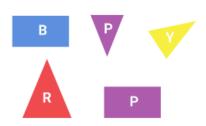
YES NO



If I pick ONE of the shapes can it be red and a square?

YES NO

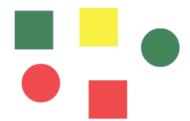
Q9



If I pick ONE of the shapes, can it be red and blue?

YES NO

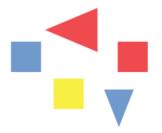
Q10



If I pick ONE of the shapes can it be a triangle and blue?

YES NO

Q11

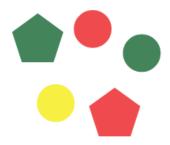


If I pick ONE of the shapes can it be a square and yellow?

YES

N0

Q12



If I pick ONE of the shapes can it be a triangle and yellow?

YES

N0

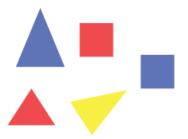
Q13



If I pick ONE of the shapes can it be red and a circle?

YES

NO



If I pick ONE of the shapes can it be red and a triangle?

YES

N0

Q15

Rosie and Rory each pick a marble at random. Rosie goes first and finds she has picked a red marble.



Does Rory have a chance of getting a red also?

O yes

O no

Which colour is Rory most likely to get?

O green

O red O both equally likely

Q16

Maya and Lewis each pick a marble at random. Maya goes first and finds she has picked a red marble.



Does Lewis have a chance of getting a red also?

O yes

 \bigcirc no

Which colour is Lewis most likely to get?

Ogreen Ored Oboth equally likely

Q17

Ruby and James each pick a marble at random. Ruby goes first and finds she has picked a red marble.



Does James have a chance of getting a red also?

O yes

 \bigcirc no

Which colour is James most likely to get?

O green

O red O both equally likely

Q18

Matilda and George each pick a marble at random. Matilda goes first and finds she has picked a red marble.



Does George have a chance of getting a red also?

Oyes

 \bigcirc no

Which colour is George most likely to get?

O green

○ red

O both equally likely

O green

Nancy and Janson each pick a marble at random. Janson goes first and finds he has picked a green marble.



Does Nancy n	ave a chance of getting a		
green also?			
○ yes	○ no		
Which colour is Nancy most likely to get?			

O red O blue

Q20

Elizabeth and Tommy each pick a marble at random. Elizabeth goes first and finds she has picked a blue marble.



Does Tom blue also?	•	chance of getting a
○ yes	○ no	
Which cold	our is Tom	my most likely to get?
O green	○ red	O blue

Which two events cannot happen at the same time?

- O A number is bigger than 10 and bigger than 20
- A number is smaller than 10 and bigger than 20
- O A number is bigger than 10 and smaller than 20

Q2

Which two events cannot happen at the same time?

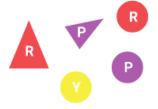
- O A shape is prism and has 5 faces
- A shape is a pyramid and has 7 vertices (corners)
- O A shape is a cube and has 7 faces

Q3

Which two events cannot happen at the same time?

- O A shape is a square and is blue
- A shape is a square and has less than 4 sides
- A shape is blue and has 5 sides

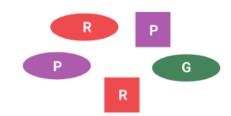
Q4



If I pick ONE of the shapes can it be red and a triangle?

YES NO

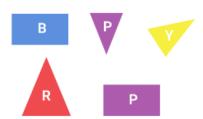
Q5



If I pick ONE of the shapes can it be red and a circle?

YES NO

Q6



If I pick ONE of the shapes, can it be red and blue?

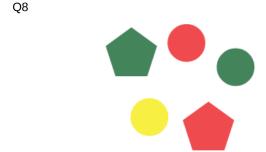
YES NO



If I pick ONE of the shapes can it be a square and yellow?

YES

N0



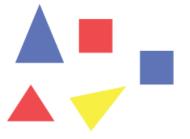
If I pick ONE of the shapes can it be a triangle and yellow?

YES N0



If I pick ONE of the shapes can it be red and a circle?

YES NO



If I pick ONE of the shapes can it be red and a triangle?

YES N0

Q11

Sarah and Michael each pick a marble at random. Sarah goes first and finds she has picked a red marble.



Does Michael have a chance of getting a red also?

O no

Oyes

Which colour is Michael most likely to get?

O green

○ red

O both equally likely

Q12

Rosie and Rory each pick a marble at random. Rosie goes first and finds she has picked a red marble.



Does Rory have a chance of getting a red also?

O yes

Ono

Which colour is Rory most likely to get?

O green

O red O both equally likely

Annie and Aaron each pick a marble at random. Annie goes first and finds she has picked a red marble.



Does Aaron have a chance of getting a red also?

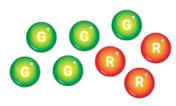
O yes

 \bigcirc no

Which colour is Aaron most likely to get? Ogreen Ored Oboth equally likely

Q14

Julia and Teddy each pick a marble at random. Julia goes first and finds she has picked a red marble.



Does Teddy have a chance of getting a red also?

Oyes

 \bigcirc no

Which colour is Teddy most likely to get?

O green

O red

O both equally likely

Maya and Lewis each pick a marble at random. Maya goes first and finds she has picked a red marble.



Does Lewis have a chance of getting a red also?

Oyes

 \bigcirc no

Which colour is Lewis most likely to get?

O green

O red O both equally likely

Q16

Maisie and Maxwell each pick a marble at random. Maisie goes first and finds she has picked a red marble.



Does Maxwell have a chance of getting a red also?

O yes

Ono

Which colour is Maxwell most likely to get?

O green

O red

O blue

Nancy and Janson each pick a marble at random. Janson goes first and finds he has picked a green marble.



Does Nancy have a chance of getting a green also?

O ves

 \bigcirc no

Which colour is Nancy most likely to get?

O green

O red O blue

Q18

Indiana and Hayden each pick a marble at random. Indiana goes first and finds she has picked a blue marble.



Does Hayden have a chance of getting a blue also?

O yes

O no

Which colour is Hayden most likely to get?

O green

O red

O blue

Jessica and Michael each pick a marble at random. Michael goes first and finds he has picked a blue marble.



Does Jessica have a chance of getting a blue also?

Oyes

O no

Which colour is Jessica most likely to get?

O green

○ red

O blue

Q20

Elizabeth and Tommy each pick a marble at random. Elizabeth goes first and finds she has picked a blue marble.



Does Tommy have a chance of getting a blue also?

O yes

Ono

Which colour is Tommy most likely to get?

O green

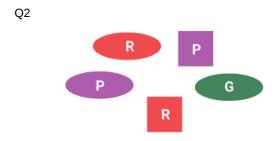
O red

Oblue

Q1

Which two events cannot happen at the same time?

- O A shape is prism and has 5 faces
- A shape is a pyramid and has 7 vertices (corners)
- O A shape is a cube and has 7 faces



If I pick ONE of the shapes can it be red and a circle?

YES NO



If I pick ONE of the shapes can it be red and a square?

YES NO



If I pick ONE of the shapes can it be a square and yellow?

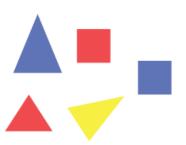
YES NO



If I pick ONE of the shapes can it be red and a circle?

YES NO

Q6



If I pick ONE of the shapes can it be red and a triangle?

YES NO

Sarah and Michael each pick a marble at random. Sarah goes first and finds she has picked a red marble.



Does Michael have a chance of getting a red also?

O ves

 \bigcirc no

Which colour is Michael most likely to get?

O green O red O both equally likely

Q8

Rosie and Rory each pick a marble at random. Rosie goes first and finds she has picked a red marble.



Does Rory have a chance of getting a red also?

O yes

○ no

Which colour is Rory most likely to get?

O green

O red O both equally likely

Annie and Aaron each pick a marble at random. Annie goes first and finds she has picked a red marble.



Does Aaron have a chance of getting a red also?

Oyes

() no

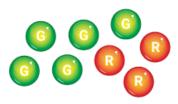
Which colour is Aaron most likely to get?

O green

O red O both equally likely

010

Julia and Teddy each pick a marble at random. Julia goes first and finds she has picked a red marble.



Does Teddy have a chance of getting a red also?

Oyes

 \bigcirc no

Which colour is Teddy most likely to get?

O green

O red O both equally likely

Maya and Lewis each pick a marble at random. Maya goes first and finds she has picked a red marble.



Does Lewis have a chance of getting a red also?

Oyes

 \bigcirc no

Which colour is Lewis most likely to get?

Ogreen Ored Oboth equally likely

Q12

Ruby and James each pick a marble at random. Ruby goes first and finds she has picked a red marble.



Does James have a chance of getting a red also?

O yes

 \bigcirc no

Which colour is James most likely to get?

O green

○ red

O both equally likely

Matilda and George each pick a marble at random. Matilda goes first and finds she has picked a red marble.



Does George have a chance of getting a red also?

Oyes

 \bigcirc no

Which colour is George most likely to get?

O green

O red O both equally likely

Q14

Maisie and Maxwell each pick a marble at random. Maisie goes first and finds she has picked a red marble.



Does Maxwell have a chance of getting a red also?

O yes

 \bigcirc no

Which colour is Maxwell most likely to get?

O green

O red

O blue

Nancy and Janson each pick a marble at random. Janson goes first and finds he has picked a green marble.



Does Nancy have a chance of getting a green also?

Oyes

 \bigcirc no

Which colour is Nancy most likely to get?

O green

O red O blue

Q16

Indiana and Hayden each pick a marble at random. Indiana goes first and finds she has picked a blue marble.



Does Hayden have a chance of getting a blue also?

O yes

O no

Which colour is Hayden most likely to get?

O green

O red

O blue

Isabella and Gabriel each pick a marble at random. Isabella goes first and finds she has picked a green marble.



Does Gabriel have a chance of getting a green also?

O yes

Q17

O no

Which colour is Gabriel most likely to get?

O green

O red

O blue

Q18

Holly and Anthony each pick a marble at random. Anthony goes first and finds he has picked a green marble.



Does Holly have a chance of getting a green also?

O yes

Ono

Which colour is Holly most likely to get?

O green

O red

O blue

Jessica and Michael each pick a marble at random. Michael goes first and finds he has picked a blue marble.



Does Jess	ica have a	chance of getting a
blue also?		
○ yes	○ no	
Which cold	our is Jess	ica most likely to get?
O green	\bigcirc red	○ blue

Q20

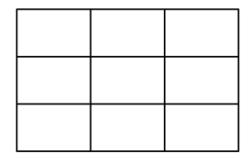
Elizabeth and Tommy each pick a marble at random. Elizabeth goes first and finds she has picked a blue marble.



Does Tor blue also	,	chance of getting a
○ yes	○ no	
Which co	lour is Tom	my most likely to get?
O green	\bigcirc red	O blue

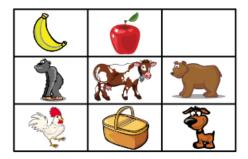
elect the bottom right position.	Select the middle position of the 2nd shelf.
elect the bottom middle position.	Select the left position of the 2nd shelf.
elect the bottom left position.	Select the left position of the top shelf.
elect the right position of the	
nd shelf.	

Select the middle position of the top shelf.



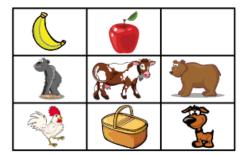
Q9

Select the object directly below the cow.



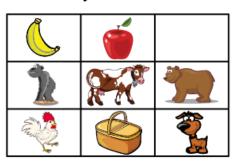
Q10

Select the object directly below the monkey.



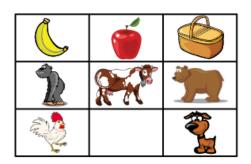
Q11

Select the object directly above the monkey.



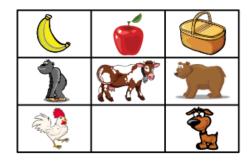
Q12

Select the object directly above the bear.



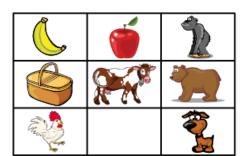
Q13

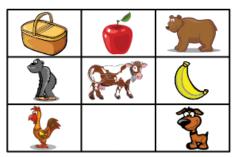
Select the object directly below the bear.



014

Select ALL objects to the right of the cow.



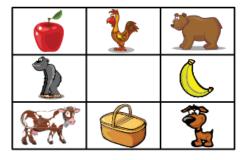


How many objects are to the left of the banana on the same shelf?

How many objects are to the right of the apple on the same shelf?



Q16



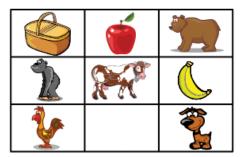
How many objects are in the middle shelf?



How many objects are to the right of the monkey on the same shelf?



Q17



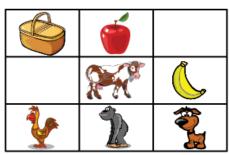
How many objects are on any shelves below the apple?



How many objects are to the right of the monkey on the same shelf?



Q18



How many objects are in the top two shelves?

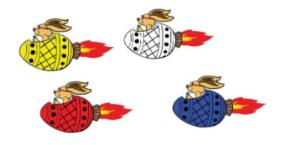


How many objects are to the right of the cow on any shelf?

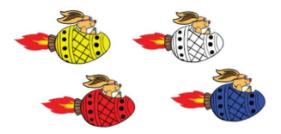


Q19

Which rabbit is in 2nd position?

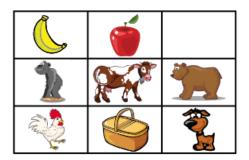


Which rabbit is in 1st position?



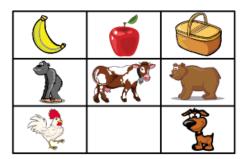
Select the bottom right position.	top shelf.
Q2	
Select the bottom middle position.	Select the object directly below the cow.
	the cow.
Q3 Select the bottom left position.	The state of the s
	Select the object directly below
	the monkey.
Select the right position of the	
2nd shelf.	

Select the object directly above the monkey.



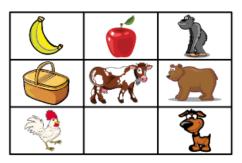
Q9

Select ALL objects to the right of the apple.

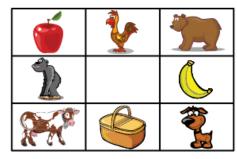


Q10

Select ALL objects to the right of the cow.



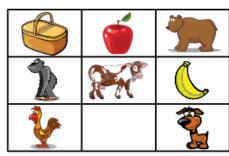
Q11



How many objects are in the middle shelf?

How many objects are to the right of the monkey on the same shelf?

Q12



How many objects are to the right of the rooster on the same shelf?

How many objects are on any shelves above the rooster?

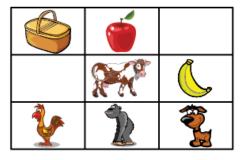


How many objects are to the left of the dog on the same shelf?

How many objects are to the right of the bear on the same shelf?



Q14



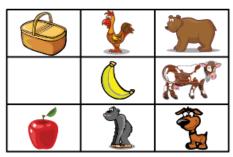
How many objects are in the top two shelves?



How many objects are to the right of the cow on any shelf?



Q15



How many objects are to the left of the banana on the same shelf?

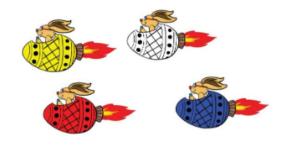


How many objects are to the right of the apple on the same shelf?



Q16

Which rabbit is in 2nd position?



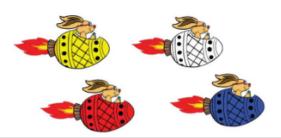
Q17

Which rabbit is in 4th position?



Q18

Which rabbit is in 4th position?



Q19

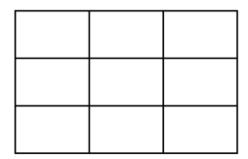
Which rabbit is in 1st position?



Q20
How many cars are in front of the red car?
How many cars are behind the white car?

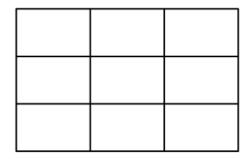
Q1

Select the bottom right position.



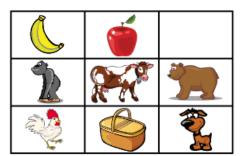
Q2

Select the bottom left position.



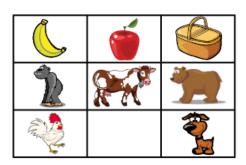
О3

Select the object directly below the cow.



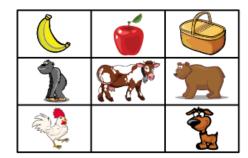
Q4

Select the object directly above the bear.



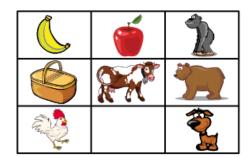
Q5

Select ALL objects to the right of the apple.



Q6

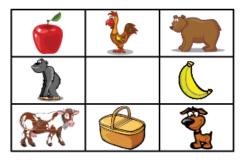
Select ALL objects to the right of the cow.



How many objects are to the left of the banana on the same shelf?

How many objects are to the right of the apple on the same shelf?

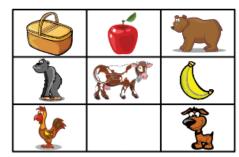
Q8



How many objects are in the middle shelf?

How many objects are to the right of the monkey on the same shelf?

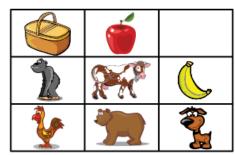
Q9



How many objects are to the right of the rooster on the same shelf?

How many objects are on any shelves above the rooster?

Q10



How many objects are to the left of the dog on the same shelf?

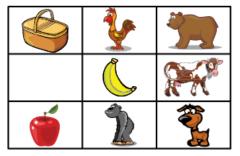
How many objects are to the right of the bear on the same shelf?

	N.	
Y	1	

How many objects are in the top two shelves?

How many objects are to the right of the cow on any shelf?

Q12

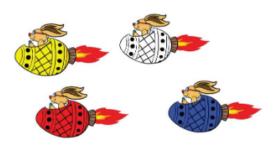


How many objects are to the left of the banana on the same shelf?

How many objects are to the right of the apple on the same shelf?

Q13

Which rabbit is in 1st position?



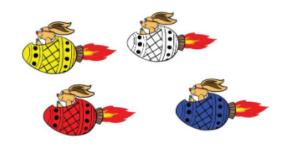
Q14

Which rabbit is in 3rd position?



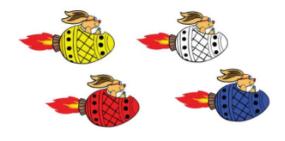
015

Which rabbit is in 4th position?



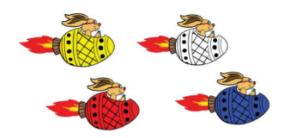
Q16

Which rabbit is in 4th position?



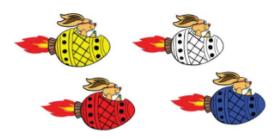
Q17

Which rabbit is in 3rd position?

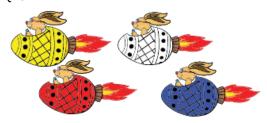


Q18

Which rabbit is in 2nd position?



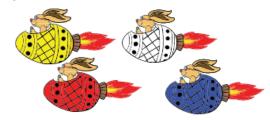
Q19



How many cars are in front of the red car?

How many cars are behind the white car?

Q20



How many cars are in front of the blue car?

How many cars are behind the red car?

Giving directions level 1

^{Q1} Where does the	col	unte	er f	inis	sh?			^{Q4} Where does the	e cou	ınte	er f	inis	sh?		
Move: 1 space up 2 spaces right 3 spaces up 4 spaces left 2 spaces up	A	В	C	D	E	F	G	Move: 2 spaces up 3 spaces left 3 spaces up 2 spaces right 1 space up	A	В	C	D	E	F	G
Q2 Where does the	col	unte	er f	inis	sh?	. [^{Q5} Where does the	e cou	unte	er f	inis	sh?		
3 spaces up	A	В	С	D	Е	F	G	2 spaces up	A	В	С	D	Ε	F	G
2 spaces right								4 spaces left							
1 space up								3 spaces up							
4 spaces left								2 spaces right							
2 spaces up								1 space up							Щ
					Start										Start
Q3								Q6							
Where does the	col	unte	er f	inis	sh?			Where does the	e cou	ınte	er f	inis	sh?		
Move:								Move:							
1 space up	Α	В	С	D	Ε	F	G	1 space up	A	В	C	D	E	F	G
2 spaces right								2 spaces right							
2 spaces up								3 spaces up							
5 spaces left								4 spaces left							Ш
3 spaces up								2 spaces down							Щ
								3 spaces right							Щ
			l		Start			4 spaces up		1			\$tart		1 1

Q7								Q10								
Where does the	e col	unte	er f	inis	sh?			Where does the co	ou	nte	er f	inis	sh?	•		
Move:								Move:								_
3 spaces up	A	В	C	D	E	F	G	5 spaces up	A	В	C	D	Ε	F	G	
3 spaces right								2 spaces left	_							
1 space up								4 spaces down	_							
5 spaces left								5 spaces right	_							4
2 spaces down								3 spaces up	_							
2 spaces right								1 space left	4							4
4 spaces up			Start					2 spaces up			Start					
								_								
Q8							_	Q11			٠.		_		\neg	
Where does the	e cou	unte	er f	inis	sh?			Where does the b	ee	tle	e tir	nıst	1?			
Move:		_		_	_	_		Move:		A	В	C	D	Ε	F	G
2 spaces up	Α	В	С	D	E	F	G	forward 3 spaces								
1 space right								turn right								
3 spaces up								forward 4 spaces								
4 spaces left								turn left								
1 space down								forward 3 spaces								
2 spaces right				A								Start				
2 spaces up				Start												
								- Q12								
Q9								Where does the b	ee	tle	e fir	nisł	า?			
Where does the	e cou	unte	er t	inis	sn?			Move:	Α	Т	В	CI)	E	F	G
Move:		_		_	-	-		forward 2 spaces	r	+	,	<u> </u>	+	-	•	4
3 spaces up	A	В	С	D	Е	F	G	turn right		+	+	+	+	+	+	\dashv
4 spaces left								forward 4 spaces		+	+	+	+	+	+	\dashv
1 space down								turn left		+	+	+	+	+	+	\dashv
5 spaces right								forward 4 spaces		+	+	+	+	+	+	\dashv
2 spaces up										St	ârt	+	+	+	+	\dashv
										1	7					
3 spaces left 2 spaces up						\$tar	•									

Where does the beetle finish?

Move:

forward 4 spaces turn left forward 2 spaces turn right forward 2 spaces

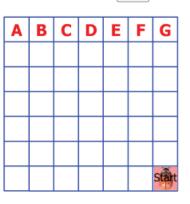
A	В	C	D	Ε	F	G
				Start		

Q14

Where does the beetle finish?

Move:

forward 3 spaces turn left forward 4 spaces turn right forward 2 spaces turn right forward 4 spaces turn left forward 1 space

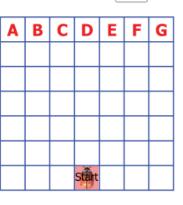


Q15

Where does the beetle finish?

Move:

forward 2 spaces turn left forward 3 spaces turn right forward 1 space turn right forward 2 spaces turn left forward 3 spaces



Q16

Where does the beetle finish?

Move:

forward 1 space turn left forward 4 spaces turn right forward 2 spaces turn right forward 3 spaces turn left forward 3 spaces

A	В	С	D	Ε	F	G
						Start

Q17

Where does the beetle finish?

Move:

forward 3 spaces
turn right
forward 4 spaces
turn left
forward 2 spaces
turn left
forward 4 spaces
turn left
forward 4 spaces
turn right
forward 1 space

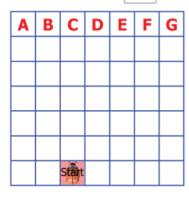
A	В	C	D	Ε	F	G
	Start					

Q18

Where does the beetle finish?

Move:

forward 2 spaces turn right forward 3 spaces turn left forward 1 space turn left forward 2 spaces turn right forward 3 spaces



Where does the beetle finish?

Move:

forward 3 spaces
turn right
forward 1 space
turn left
forward 1 space
turn left
forward 4 spaces
turn right
forward 2 spaces

A	В	С	D	Ε	F	G
				Start		

Q20

Where does the beetle finish?

Move:

forward 3 spaces turn right forward 2 spaces turn left forward 1 space turn left forward 4 spaces turn right forward 2 spaces

A	В	С	D	E	F	G
		Start				

Giving directions level 2

Q1 Where does the Move :	col	unte	er f	inis	sh?			Q4 Where does the Move :	e cou	unte	er f	inis	sh?		
1 space up	Α	В	С	D	Е	F	G	2 spaces up	Α	В	С	D	Ε	F	G
2 spaces right								3 spaces left							
3 spaces up								3 spaces up							
4 spaces left								2 spaces right							
2 spaces up								1 space up							
			Start											Start	
Q2								Q5							
Where does the	cou	unte	er f	inis	sh?			Where does the	cou	unt	er f	inis	sh?		
Move:								Move:							
3 spaces up	Α	В	C	D	Е	F	G	2 spaces up	Α	В	C	D	Ε	F	G
2 spaces right								4 spaces left							
1 space up								3 spaces up							
4 spaces left								2 spaces right							
2 spaces up								1 space up							
					Start										Start
Q3								Q6							
Where does the	col	unte	er f	inis	sh?			Where does the	cou	unte	er f	inis	sh?		
Move:								Move:							
1 space up	A	В	C	D	Ε	F	G	1 space up	A	В	C	D	Ε	F	G
2 spaces right								2 spaces right							
2 spaces up								3 spaces up							
5 spaces left								4 spaces left							
3 spaces up								2 spaces down							
								3 spaces right							
					Start			4 spaces up					Start		

Q7								Q10								
Where does the	col	unte	er f	inis	sh?			Where does the co	un	te	r f	inis	sh?	1		
Move:								Move:								_
3 spaces up	Α	В	C	D	Ε	F	G	5 spaces up	E	3 (С	D	Ε	F	G	
3 spaces right								2 spaces left	\perp	\perp						
1 space up								4 spaces down	\perp	\perp						
5 spaces left								5 spaces right	\perp	_						
2 spaces down								3 spaces up	_	4						
2 spaces right								1 space left	_							
4 spaces up			Start					2 spaces up		Ş	art					
Q8		_						Q11	_		٠.		_		\neg	
Where does the	col	unte	er f	inis	sh?			Where does the be	et	le '	tir	nish	า?			
Move:	_	_	_	_	_	_		Move:	•	\ I	В	С	D	Ε	F	G
2 spaces up	Α	В	С	D	Ε	F	G	forward 3 spaces		\top						
1 space right								turn right		\top						
3 spaces up								forward 4 spaces		\top						
4 spaces left								turn left		T						
1 space down								forward 3 spaces		\top						
2 spaces right									Г	T		Start				
2 spaces up				Start												
								- Q12								
Q9			~ £	::	. L 2			Where does the be	et	le '	fir	isł	า?			
Where does the	col	ınte	er ī	inis	sn?			Move:	Α	В	(2 [)	E	F	G
Move:	Α	В		_	-	-	_	forward 2 spaces	_	_	ľ	+	+	_	•	~
3 spaces up	A	В	С	D	Е	F	G	turn right			H	+	+	+	+	\dashv
4 spaces left								forward 4 spaces			+	+	+	+	+	\dashv
1 space down								turn left			+	+	+	+	+	\dashv
5 spaces right								forward 4 spaces			+	+	+	+	+	\dashv
2 spaces up										Star	t	+	+	+	+	\dashv
3 spaces left						Start		L		17				_		
2 spaces up	1						1									

Where does the beetle finish?

Move:

forward 4 spaces turn left forward 2 spaces turn right forward 2 spaces

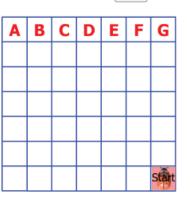
A	В	C	D	Ε	F	G
				Start		

Q14

Where does the beetle finish?

Move:

forward 3 spaces turn left forward 4 spaces turn right forward 2 spaces turn right forward 4 spaces turn left forward 1 space

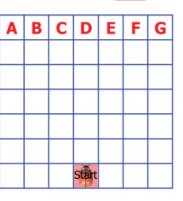


Q15

Where does the beetle finish?

Move:

forward 2 spaces turn left forward 3 spaces turn right forward 1 space turn right forward 2 spaces turn left forward 3 spaces

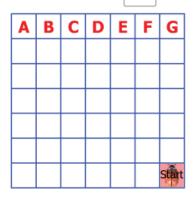


Q16

Where does the beetle finish?

Move:

forward 1 space turn left forward 4 spaces turn right forward 2 spaces turn right forward 3 spaces turn left forward 3 spaces



Q17

Where does the beetle finish?

Move:

forward 3 spaces
turn right
forward 4 spaces
turn left
forward 2 spaces
turn left
forward 4 spaces
turn left
forward 4 spaces
turn right
forward 1 space

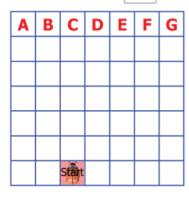
A	В	C	D	Ε	F	G
	Start					

Q18

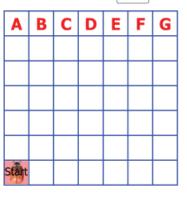
Where does the beetle finish?

Move:

forward 2 spaces turn right forward 3 spaces turn left forward 1 space turn left forward 2 spaces turn right forward 3 spaces



forward 1 space turn right forward 4 spaces turn left forward 2 spaces turn left forward 3 spaces turn right forward 3 spaces



Q20

Where does the beetle finish?

Move:

forward 3 spaces turn right forward 1 space turn left forward 1 space turn left forward 4 spaces turn right forward 2 spaces

A	В	C	D	Ε	F	G
				Start		

Giving directions level 3

^{Q1} Where does the	col	unte	er f	inis	sh?			^{Q4} Where does the	col	unte	er f	inis	sh?		
Move:								Move:							
3 spaces up	Α	В	С	D	Е	F	G	2 spaces up	Α	В	С	D	Е	F	G
2 spaces right								4 spaces left							
1 space up								3 spaces up							
4 spaces left								2 spaces right							
2 spaces up								1 space up							
					Start										Start
Q2								Q5							
Where does the	col	unte	er f	inis	sh?			Where does the	col	unt	er f	inis	sh?		
Move:								Move:							
1 space up	Α	В	С	D	Е	F	G	1 space up	Α	В	С	D	Е	F	G
2 spaces right								2 spaces right							
2 spaces up								3 spaces up							
5 spaces left								4 spaces left							
3 spaces up								2 spaces down							
								3 spaces right							
					Start			4 spaces up					Start		
								4 opaces up							
Q3								Q6							
Where does the	col	unte	er f	inis	sh?			Where does the	col	unto	er f	inis	sh?		
Move:								Move:							
2 spaces up	Α	В	С	D	Ε	F	G	3 spaces up	Α	В	С	D	Ε	F	G
3 spaces left								3 spaces right							
3 spaces up								1 space up							
2 spaces right								5 spaces left							
1 space up								2 spaces down							
								2 spaces right							
						Start		4 spaces up			Start				
								_							

3 spaces up 1 space left 2 spaces up Start

Move:

forward 3 spaces turn left forward 4 spaces turn right

turn right forward 2 spaces turn right forward 4 spaces

turn left forward 1 space

A	В	C	D	Е	F	G
						Start

Q14

Where does the beetle finish?

Move:

forward 2 spaces turn left forward 3 spaces turn right forward 1 space turn right forward 2 spaces turn left

forward 3 spaces

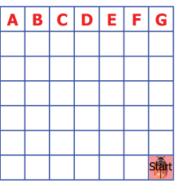
Α	В	C	D	Е	F	G
			Start			
			Start			

Q15

Where does the beetle finish?

Move:

forward 1 space turn left forward 4 spaces turn right forward 2 spaces turn right forward 3 spaces turn left forward 3 spaces



Q16

Where does the beetle finish?

Move:

forward 3 spaces turn right forward 4 spaces turn left forward 2 spaces turn left forward 4 spaces turn right forward 1 space

Α	В	C	D	Ε	F	G
	Start					

Q17

Where does the beetle finish?

Move:

forward 2 spaces
turn right
forward 3 spaces
turn left
forward 1 space
turn left
forward 2 spaces
turn right
forward 3 spaces

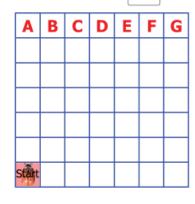
A	В	C	D	Е	F	G
		Start				

Q18

Where does the beetle finish?

Move:

forward 1 space turn right forward 4 spaces turn left forward 2 spaces turn left forward 3 spaces turn right forward 3 spaces



Where does the beetle finish?

Move:

forward 3 spaces
turn right
forward 1 space
turn left
forward 1 space
turn left
forward 4 spaces
turn right
forward 2 spaces

A	В	С	D	Ε	F	G
				Start		

Q20

Where does the beetle finish?

Move:

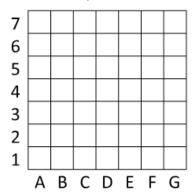
forward 3 spaces turn right forward 2 spaces turn left forward 1 space turn left forward 4 spaces turn right forward 2 spaces

A	В	С	D	E	F	G
		Start				

Grid coordinates level 1

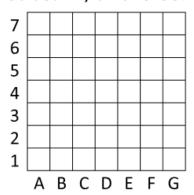
Q1

Select A5, D3 and F7.



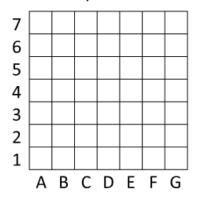
Q2

Select A4, C1 and G6.



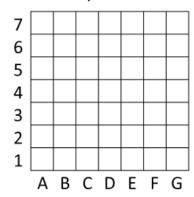
Q3

Select B1, C7 and G4.



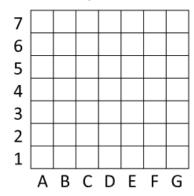
Q4

Select B3, D7 and F1.



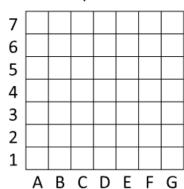
05

Select A2, E5 and F3.



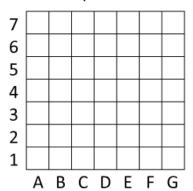
Q6

Select A7, E2 and G1.



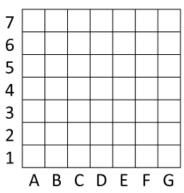
Q7

Select B2, E7 and G5.



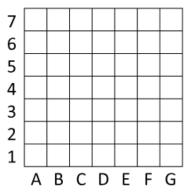
Q8

Select B7, C6 and F3.



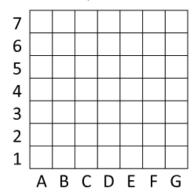
Q9

Select B3, D1 and G5.

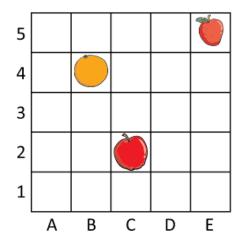


Q10

Select A7, D4 and F6.



Q11



Write the coordinates of:

the apple

the orange

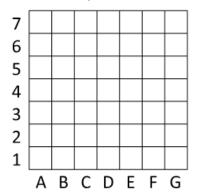
the strawberry

Q2	0						
5				0			
4							
3							
2							
1							
	Α	В	С	D	Е		
Write the coordinates of:							
th	ie ap	ple [
th	ie ba	nana					
th	e str	awbe	erry [

Grid coordinates level 2

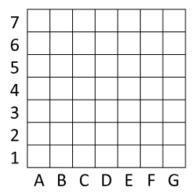
Q1

Select A5, D3 and F7.



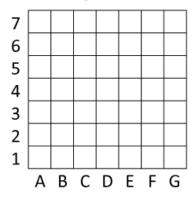
Q2

Select A4, C1 and G6.



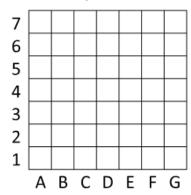
Q3

Select B1, C7 and G4.

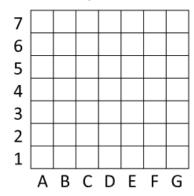


Q4

Select B3, D7 and F1.

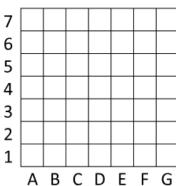


Select A2, E5 and F3.

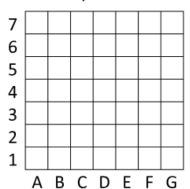


Q6

Select A7, E2 and G1.

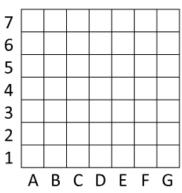


Select B2, E7 and G5.



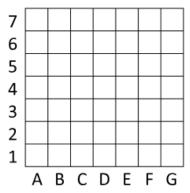
Q8

Select B7, C6 and F3.



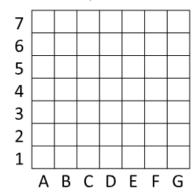
Q9

Select B3, D1 and G5.

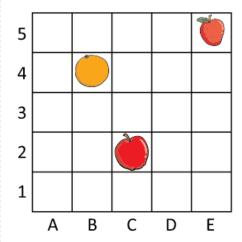


Q10

Select A7, D4 and F6.



Q11



Write the coordinates of:

the apple

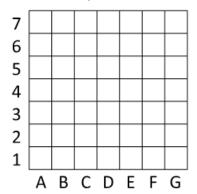
the orange

the strawberry

Q2	0								
5				0					
4									
3									
2									
1									
	Α	В	С	D	Е	_			
W	rite t	he co	ordi	nates	of:				
th	ie ap	ple [
th	ie ba	nana							
th	e str	awbe	erry [

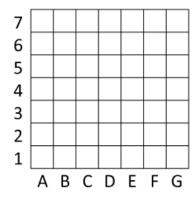
Q1

Select A5, D3 and F7.



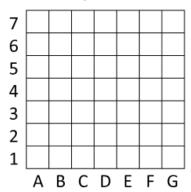
Q4

Select B3, D7 and F1.



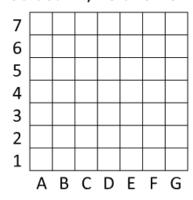
Q2

Select A4, C1 and G6.



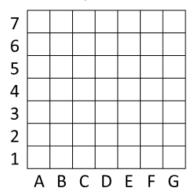
Q5

Select A2, E5 and F3.



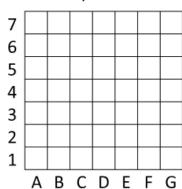
Q3

Select B1, C7 and G4.

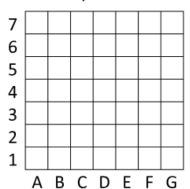


Q6

Select A7, E2 and G1.

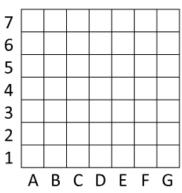


Select B2, E7 and G5.



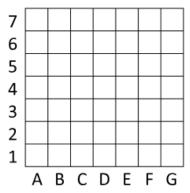
Q8

Select B7, C6 and F3.



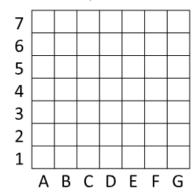
Q9

Select B3, D1 and G5.

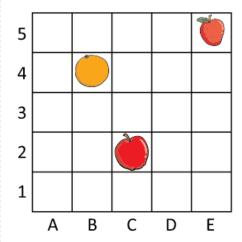


Q10

Select A7, D4 and F6.



Q11



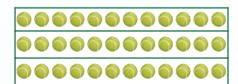
Write the coordinates of:

the apple

the orange

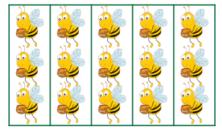
the strawberry

Q2	0								
5				0					
4									
3									
2									
1									
	Α	В	С	D	Е	_			
W	rite t	he co	ordi	nates	of:				
th	ie ap	ple [
th	ie ba	nana							
th	e str	awbe	erry [



$$\frac{1}{3}$$
 of 36 =

Q2



$$\frac{1}{5}$$
 of 15 =

$$\frac{1}{10}$$
 of 60 pens = pens

Complete the pattern.



27



Which rule does the pattern follow?

57 55 53 51

Rule: (

add 4

subtract 3

subtract 2

add 5

Q6

Complete the pattern.

21

31



Q7

Choose the correct symbol.

913 (186

Choose the correct symbol.

7808



<

Choose the correct symbol.

6394



<

Q10

In expanded form, **5411** =

Q11

In expanded form, 5944 =

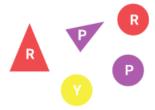


Q12

Q13

Q14

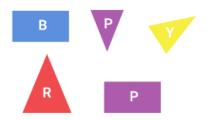
Q15 Q24 14 ÷ 2 = 22 + 59 **⇒** Q16 Q25 $\div 2 = 3$ 18 + 39 = Q17 Q26 $10 \times 3 =$ Q18 $\times 5 = 15$ Q19 Q27 $6 \times 3 =$ Q20 $\times 3 = 30$ Q21 Q28 Q22 Q29 676 Q23 Q30 James goes to the shop to buy 4 sets of cards. 705 If each set costs \$3, how much money does 454 he need?



If I pick ONE of the shapes can it be red and a triangle?

YES NO

Q2



If I pick ONE of the shapes, can it be red and blue?

YES NO

Q3

Annie and Aaron each pick a marble at random. Annie goes first and finds she has picked a red marble.



Does Aaron have a chance of getting a red also?

○ yes ○ no

Which colour is Aaron most likely to get?

○ green ○ red ○ both equally likely

Q4

If you select a marble without looking, which colour are you less likely to pick?



- O red
- O blue
- O neither; red and blue are equally likely

Q5



Which of these has an even chance?

- O the spinner lands on blue
- O the spinner lands on red
- O the spinner lands on green

A number is randomly chosen from this set. 5, 10, 15, 20, 25, 30, 125, 888

Which of these is most likely?

- O The number has only 1 digit
- O The number has 2 digits
- O The number has 3 digits

Which of these is least likely?

- O The number has only 1 digit
- O The number has 2 digits
- O The number has 3 digits

Which of these is impossible?

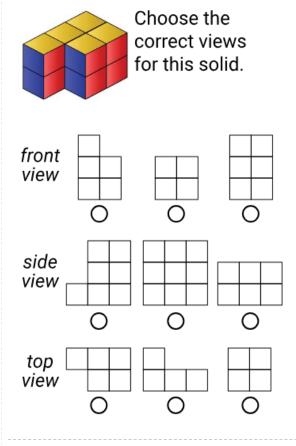
- O The number has 2 digits
- O The number has 3 digits
- O The number has 4 digits

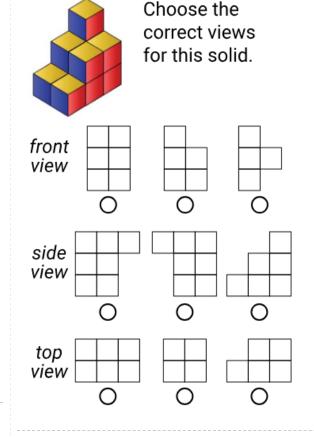
Choose the correct views for this solid.

front view O O O

side view O O O

top view O O O



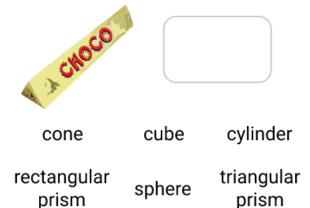




cone cube cylinder rectangular triangular prism prism sphere

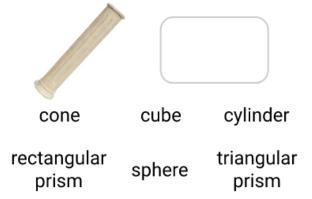
Q11

Match the object with its name.



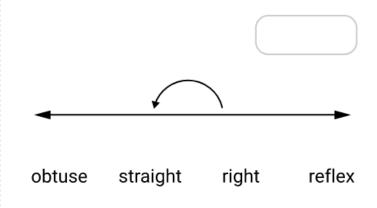
Q12

Match the object with its name.

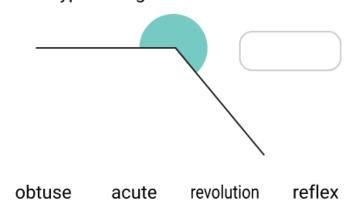


Q13

What type of angle is shown?



What type of angle is shown?



Q15

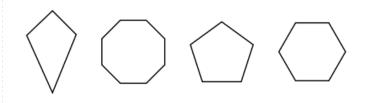
Q14

What type of angle is an angle of 65°?

obtuse acute right reflex

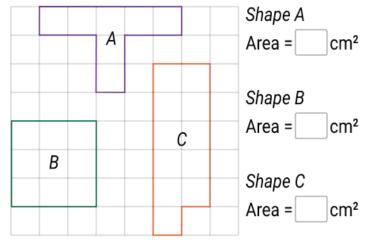
Q16

Shade in the octagon.



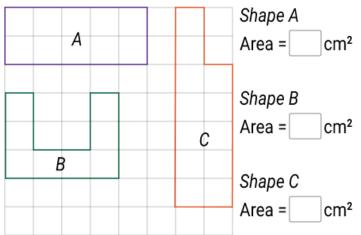
Q20 Q17 Shade in all of the parallelograms. D E Which shape has the greatest area? Q18 Which shape has the least area? Shade in all of the triangles. Which shape has the same area as B? Q21 Α D Q19 Ε Α Which shape has the greatest area? В Which shape has the **least** area? Which shape has the greatest area? Which shape has the same area as A? Which shape has the least area? Which shape has the same area as B?

Find the area of each shape on this 1 cm grid.



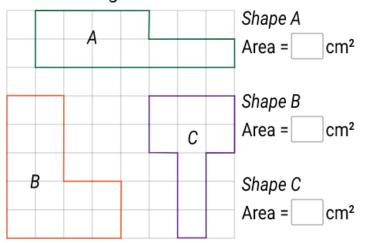
Q23

Find the area of each shape on this 1 cm grid.



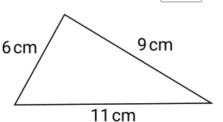
Q24

Find the area of each shape on this 1 cm grid.



Q25

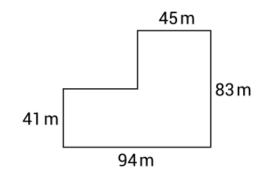
Find the perimeter.



cm

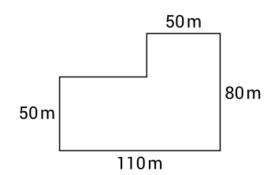
Q26

Find the perimeter. m



Q27

Find the perimeter. m





In 63379 which digit is in the thousands place?	8583 -1160
6 3 7 9	<u>1163</u>
In 86 544 which digit is in the ten-thousands place?	Q8
5 8 6 4	-9296 - <u>3377</u>
Q3 What is the place value of the 9?	
93 200 ⇒ place value	Q9
Q4	-5064 -3390
4452+	
332	Q10 2 7
Q5	× 5
5780 ₊ 1893 ⁺	
	3 2
4865 3570	<u>* 7</u>
3570	Q12 6 3 8

Q20 Q13 Split 32 erasers into 4 groups Shade $\frac{5}{10}$ to help you find: Shade $\frac{3}{5}$ $32 \div 4 =$ Complete: $\frac{5}{10}$ is more than is less than is equal to Q21 Shade $\frac{4}{12}$ Q14 $40 \div 4 =$ Shade $\frac{4}{10}$ Q15 Complete: $\frac{4}{12}$ $\div 4 = 9$ is more than is less than is equal to Q16 Look at the pattern: Q22 6, 12, 18, 24, . . . What number is the arrow pointing to? What is the next number? 2 Ò Q17 What is the 9th multiple of 4? $O\frac{3}{5}$ $O\frac{3}{6}$ Q23 Q18 Fill in the blanks. Draw an arrow pointing to $18\frac{1}{2}$. 36 40 48 18 Q19 Shade $\frac{4}{10}$ Q24 Shade $\frac{5}{6}$ Complete: $\frac{4}{10}$ 4

What number is the arrow pointing to? $\bigcirc 3\frac{1}{3} \quad \bigcirc 3\frac{3}{8}$ $\bigcirc 3\frac{1}{5}$

19

is equal to

is more than is less than

(٦	2	

Write as a decimal.

Q26

Write as a decimal.

$$3\frac{4}{10} =$$

Q27

Write as a decimal.

$$9\frac{7}{10} =$$

Q28

Write as a decimal.

$$3\frac{53}{100} =$$

Q29

Write as a decimal.

$$4\frac{32}{100} =$$

Q30

Write as a decimal.

$$6\frac{4}{100} =$$

Q31

In 216.47 which digit is in the tenths place?

- 02 01 06 04

Q32

What is the place value of the 7?



Q33

What is the place value of the 3?



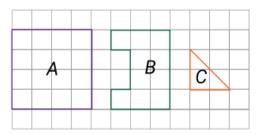
Q34

Q35

Q36

Below is a square grid.

Find the area of each plane shape.



Shape A: Area = squares

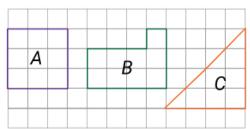
Shape B: Area = squares

Shape C: Area = squares

Q2

Below is a square grid.

Find the area of each plane shape.



Shape A: Area = squares

Shape B: Area = squares

Shape C: Area = squares

Q3

Is the angle **more** or **less** than a right angle?

O more

O less

Q4

Is the angle **more** or **less** than a right angle?

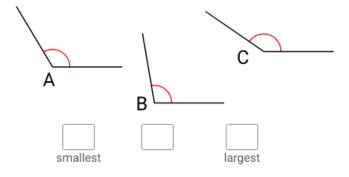
O more

O less



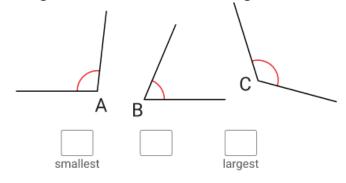
O5

Angles from smallest to largest.

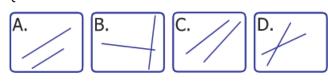


Q6

Angles from smallest to largest.

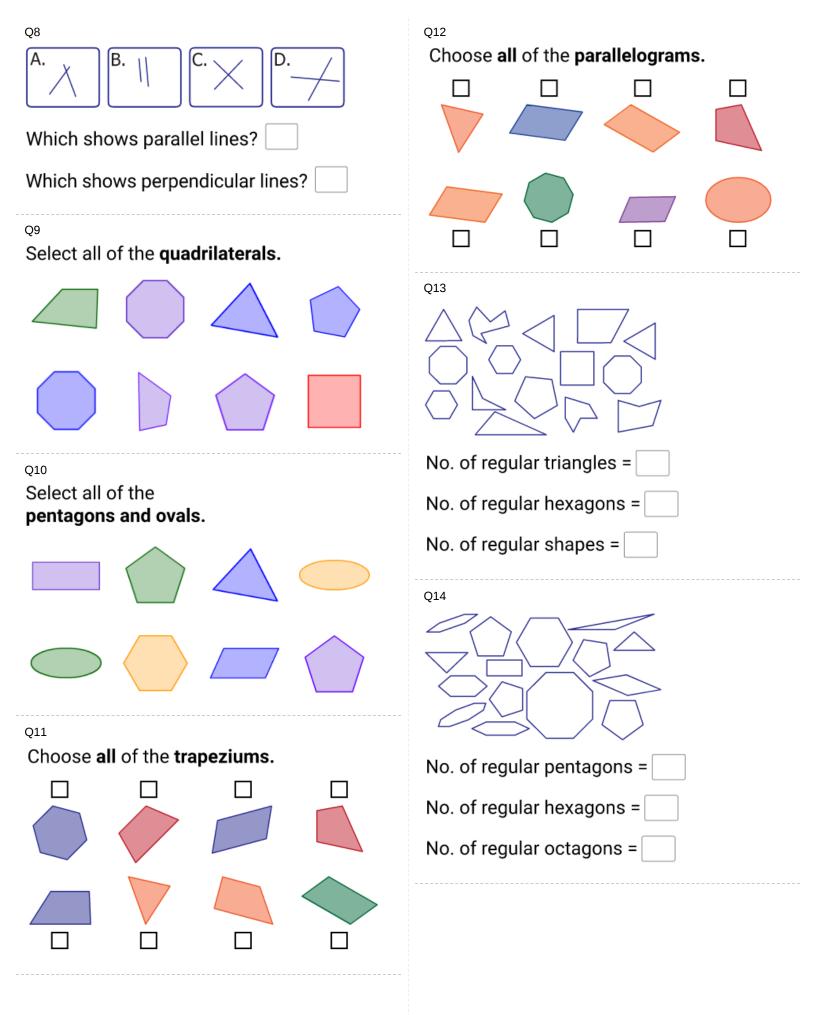


Q7

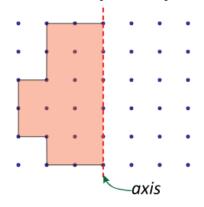


Which shows parallel lines?

Which shows perpendicular lines?

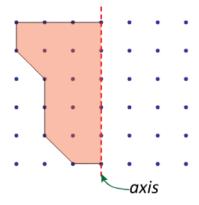


Complete the shape given the axis of symmetry.



Q16

Complete the shape given the axis of symmetry.



Q17

You pick a ball at random.

colour	tally	total
blue		4
red	####	10
green	11	2

Which colour are you **most likely** to choose?

O blue	○ red	O green
Which cold	•	least likely
		O green

You pick a ball at random. B G B G B B	
Which colour are you most likely to choose? O blue O green O red	
Which colour are you least likely to choose? O blue O red O green	
Q19	
A B C D	
Which spinner is most likely to land on green?	
OA OB OC OD	
Which spinner is most likely to land on blue?	
OA OB OC OD	
Which spinner is least likely to land on yellow?	
OA OB OC OD	
Which spinner is equally likely to land on yellow or green?	
OA OB OC OD	
Measure the length of the line. cm	

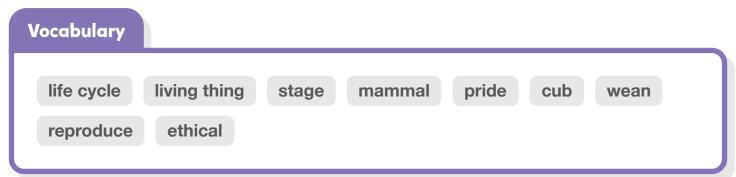
Measure the length of the line.

mm



What is a life cycle?





- Watch the video about a day in the life of a lion cub.
- What does this video tell us about the lion cub's story? Think, pair, share your ideas.
- Imagine you are the lion cub in the video and you are writing in your diary at the end of the day. Write two events that happened to you on this day.



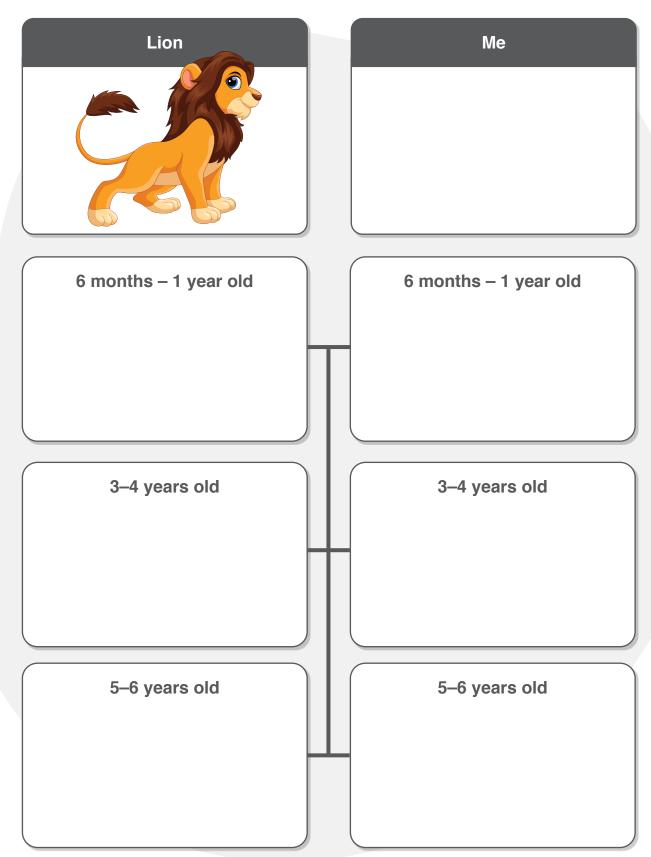
In the video, we see the lion cub and her siblings being introduced to her **pride** for the first time. This is one of the stages in a lion's life cycle. All living things have life cycles. A life cycle is a series of stages that a living thing goes through during its life.

Pride

A **pride** is a group or family of lions.

4

Look at the infographic of a lion's life cycle. There are key ages in the lion's life cycle that are significant. Compare these ages with what you were doing at a similar age. Record your thinking on the timeline below.



- 5 Read the eBook about the life cycles of other mammals.
- 6 Choose a mammal from the eBook and represent its life cycle in a diagram.

Life evels disgram shocklist	
Life cycle diagram checklist	
Your life cycle diagram needs:	
A title	
A drawing of your mammal at each stage.	
The age of your mammal at each stage.	
A fact about your mammal at each stage.)
Find a partner who has drawn a different life cycle diagram from you	

and compare the two life cycles. Discuss the following questions.

Did anything

surprise you?

What is similar

about the

life cycles?

What is different

about the

life cycles?

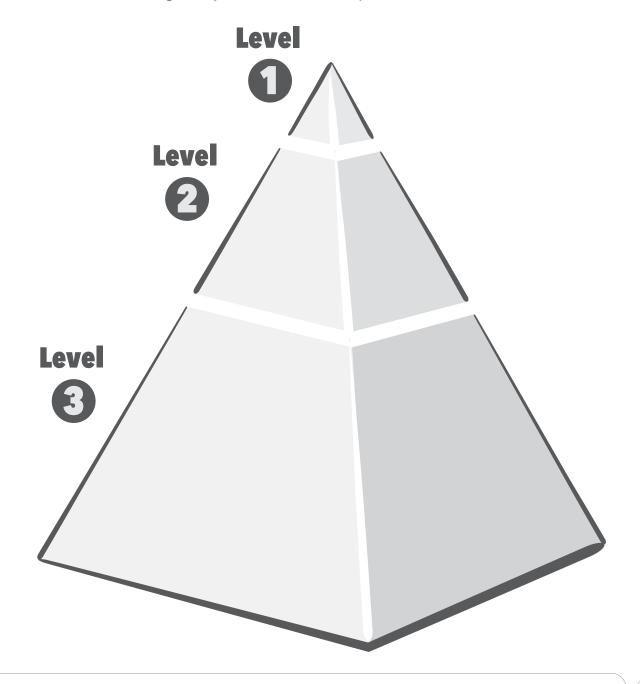
8

The lion is often referred to as 'The King of the Jungle' however, their population in the wild has decreased 43% in the last two decades. This means that some lions do not make it through all the stages in their life cycle. Visit the African Wildlife Foundation website and scroll down to the 'challenges' section to find out more about the threats to this species.



Using the 3-2-1 graphic pyramid below

- Record three threats to lions.
- Record two things that AWF are doing to help.
- Record one thing that you could do to help.





Read the article about Christian the lion.

b Think about what you have learnt about lions and their life cycles. Do you believe that it was an **ethical decision** for John and Ace to buy and raise Christian? Give reasons to support your answer.

Ethical Decision

An ethical decision is one that is morally right for everyone involved.

Watch this video

Why are bees important? (For kids!) | The fight to save Australia and the world's honeybees | 7NEWS

fter v	vatching the video write down the answers to these questions								
1.	. What two things does a bee collect from a flower? (0:48 on video)								
2.	Name three foods we wouldn't have if there were no bees (1:42 on video)								
3.	How many different types of bees are there in the world? (2:10 on video)								
4.	What is the largest bee in Australia called (2:23 on video)								
5.	There is a serious threat to bees around the world. What are some things that Australi is doing to protect its bees (3:15 on video)								
_									

Design a poster to tell people about how important bees are and why we need to protect them.

The **SMART** Spelling Grid

Write, say, sound, count, write.

- 1. Write the word.
- 2. Say the word.
- 3. Sound it out.
- 4. Count the sounds.
- 5. Write the letters then write the tricky part again.

Write the word Say the word	How many sounds		Write	e the le	tters b	roken ı	up into	graphs	s, digra	phs, tr	graphs	s, etc.	Tricky Part
Fork	3	F	or	k.									

Weekly SMART Spelling

Name

Focus: Past tense

Write on the lines.	Say the word, write the word on				
write on the lines.	Monday	Tuesday	Wednesday	Thursday	
Red Words					
the name / the name					
throw/ threw					
catch/ caught					
teach/ taught					
buy/ bought					
Dayr Doughn					
break/ broke					
hang/ hung					
Orange Words					
think/					
thought					
moughti					
fly/ flew					
hold/ held					
drink/ drank					
fight/ fought					
speak/ spoke					
Green Words					
know/ knew					
shake/ shook					
shrink/					
shrank					
understand/					
understood					
mean/ meant					
lie/ lay					
BOB Words (My own words)					



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ane Big Groc

Fossils of a giant crocodile have been discovered in northern
Africa. Scientists have named the croc Sarcosuchus (sar-ko-SOOK-us).
Sarcosuchus lived about 110 million years ago when most of the Sahara
Desert was under water.

Sarcosuchus looked very much like crocodiles of today. It had a long head filled with sharp teeth. Its skin was covered with tough, thick scales. It spent a lot of time submerged in rivers and had a strong tail for swimming. Crocodiles today share all those things. However, Sarcosuchus was much bigger than crocs are today. It was about 15.2 m long. The biggest crocodiles today are more like 7 m, which is about the length of a small classroom.



Crocodiles are meat eaters, living on fish and mammals. They attack prey that come too close to the water's edge, such as wallabies, birds, water buffalo and even cattle. Young crocodiles eat small fish and insects. Sarcosuchus ate much bigger prey. It attacked large dinosaurs when they came to drink. It was one big, scary croc!