

Hello Year 1,

18.05.20

We haven't sent you the White Rose link for Maths this week. You are welcome to use the videos if you want to, but we have covered length and weight in class and there is work on position and direction we would like cover now.

<https://www.j2e.com/jit5&turtle> JiT Turtle uses simple controls using the controls left, right, forwards and backwards. It's a good introduction to coding that the children are familiar with.

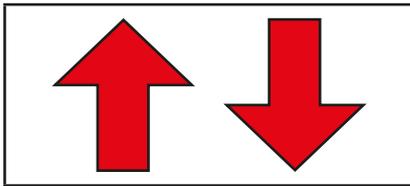
You can use Scratch Junior for this too <https://www.scratchjr.org/>.

The most important vocabulary to use:

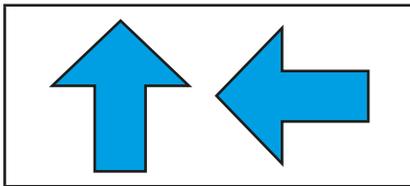
whole turn 	left 	backwards 
half turn 	right 	 <p>above</p> <p>below</p>
quarter turn 	forwards 	

Describe turns

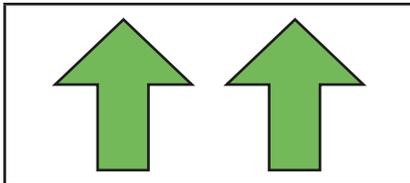
1 Match the shapes to the turns.



quarter turn



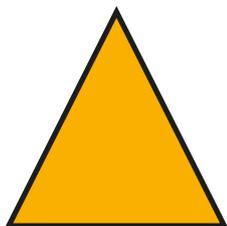
half turn



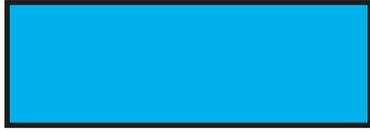
full turn

2 Draw what the shapes will look like after each turn.

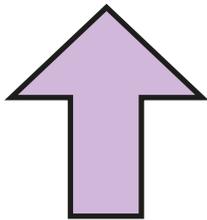
a) a half turn



b) a quarter turn



c) a three-quarter turn



3 Complete the sentences to describe the turns.

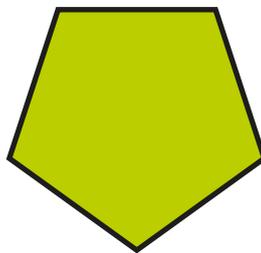
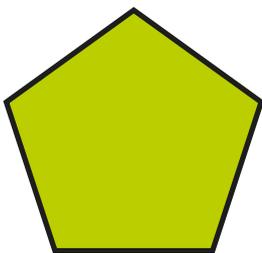
quarter

half

three-quarter

full

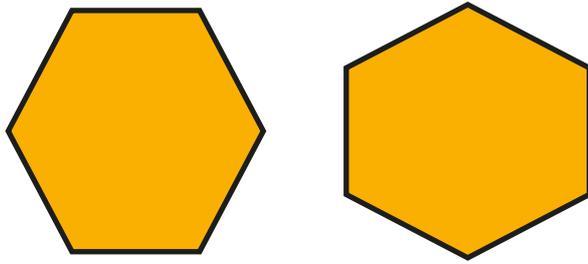
a)



The pentagon has turned

a _____ turn

b)



The hexagon has turned

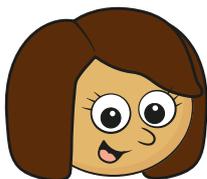
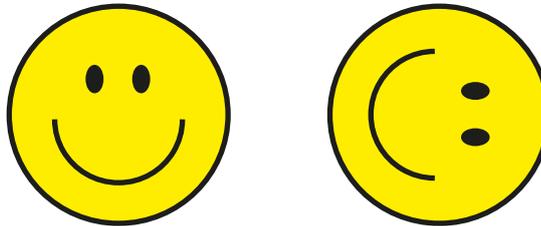
a _____ turn

Is there more than one answer for each shape?



4

Kim and Mo are describing turns.



Kim

This is a
quarter turn.



Mo

This is a
three-quarter turn.

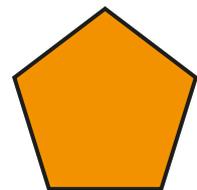
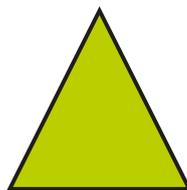
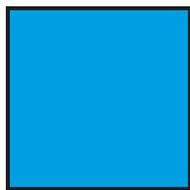
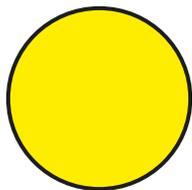
Who do you agree with? _____

Talk about it with a partner.



Describe position (1)

I Here are some shapes.



Use the words to complete the sentences.

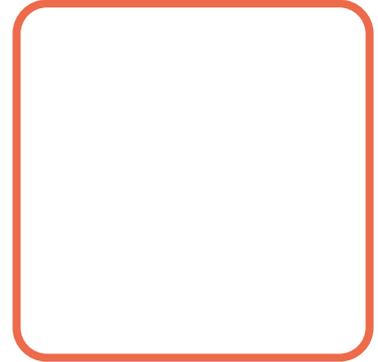
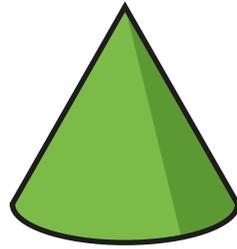
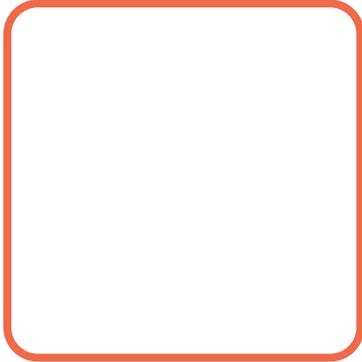
left

right

- a) The circle is to the _____ of the square.
- b) The pentagon is to the _____ of the triangle.
- c) The triangle is to the _____ of the circle.
- d) The square is to the _____ of the pentagon.



2 Here is a cone.



a) Draw a circle to the left of the cone.

b) Draw a triangle to the right of the cone.

3 Give your partner directions to move around the classroom.

Use the word bank.

forwards

backwards

left

right





4 Ron is playing at the park.

	 roundabout	
 swings		 slide
	 see-saw	

Use the words to complete the sentences.

forwards

backwards

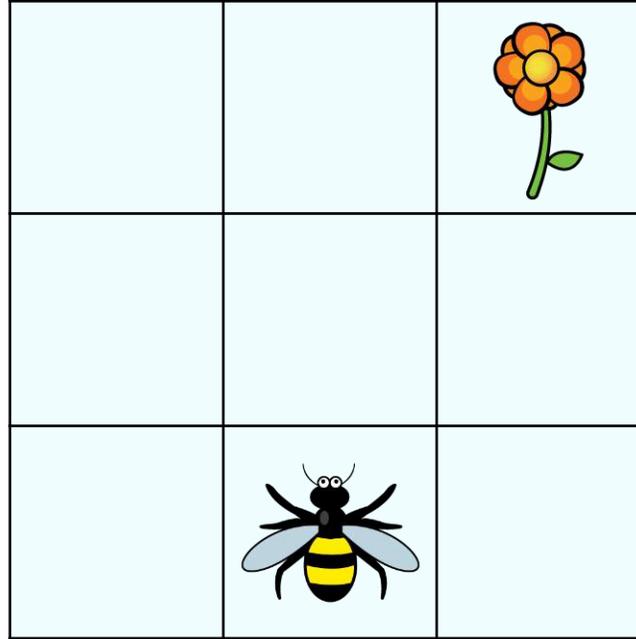
left

right

- a) If Ron walks _____ he will get to the slide.
- b) If Ron walks to his _____ he will get to the see-saw.
- c) If Ron walks _____ he will get to the swings.

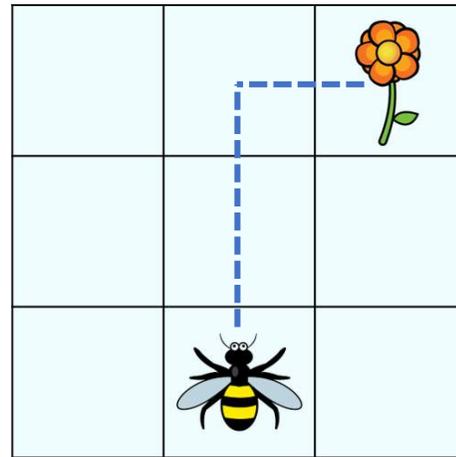
True or False ?

Describe position (1)



The bee needs to move forward 2 squares and left 1 square to get to the flower.

False

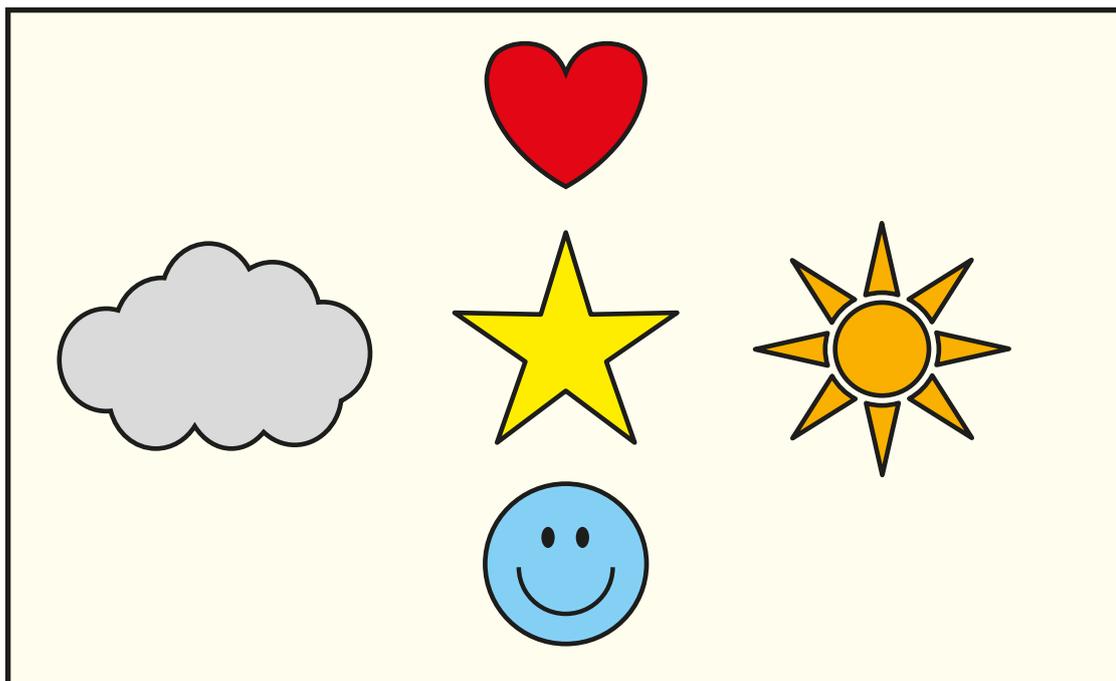


The bee needs to move forward 2 squares and right 1 square.

Is there another way to reach the flower?

Describe position (2)

I Here is a poster that Tom has made.



Use the words to complete the sentences.

left

right

above

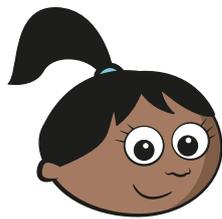
below

- a) The heart is _____ the star.
- b) The sun is to the _____ of the cloud.
- c) The smiley face is _____ the heart.

How many other sentences can you think of?



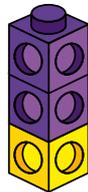
- 2 Sam has built a tower from purple and yellow cubes.



The top cube is purple and the bottom cube is yellow.

Which one is Sam's tower?

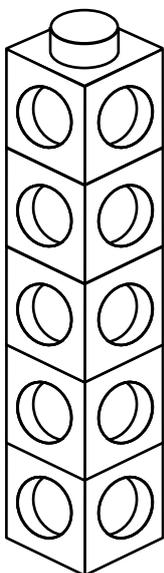
Tick your answer.



Make your own tower of cubes and describe it to a partner.

Can your partner build the tower?

- 3 Colour the cubes to match the sentences.



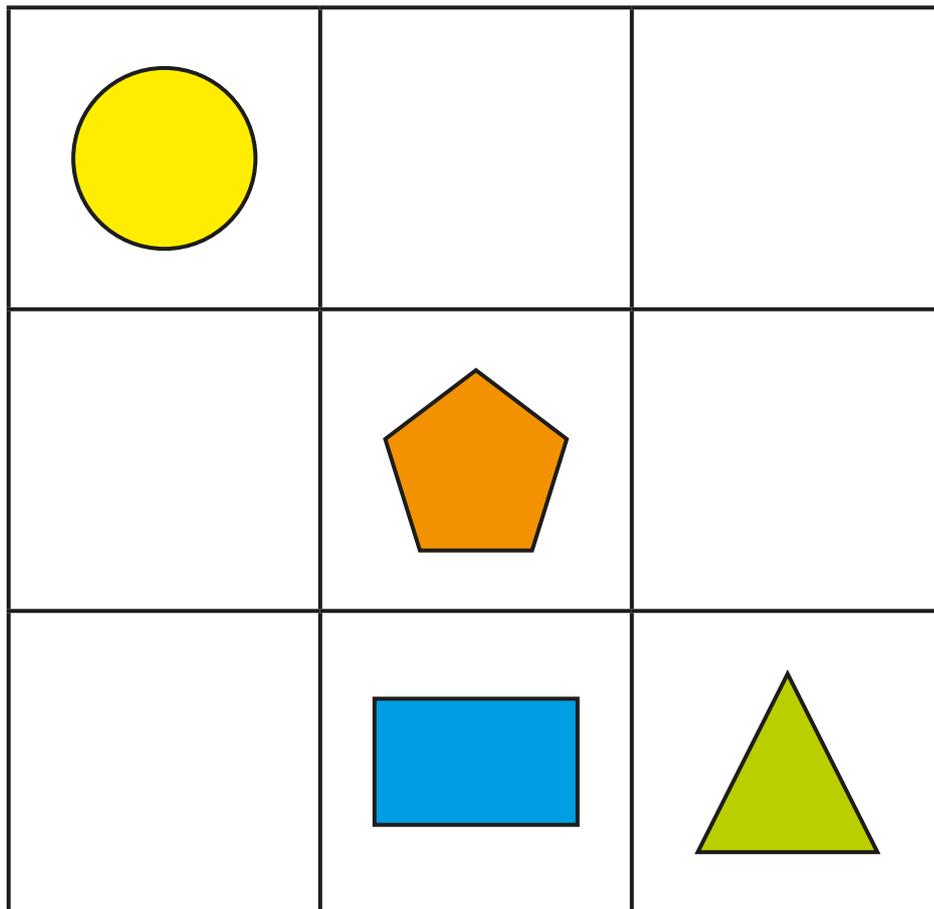
- The top cube is blue.
- The bottom cube is red.
- The cube below the top one is green.
- The cube above the red one is yellow.
- The cube between the green and yellow cubes is purple.

Talk about your answers.



4

Draw shapes in the grid to match the sentences.



There is a pentagon in the middle.

There is a star to the right of the circle.

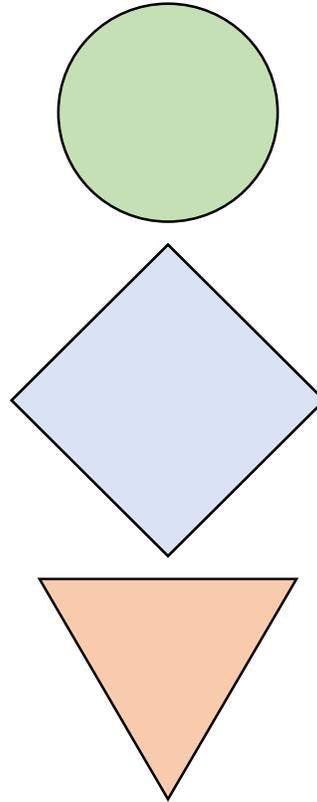
There is a smiley face to the left of the rectangle.

There is a heart above the triangle.

There is a square below the circle.

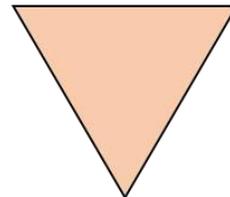
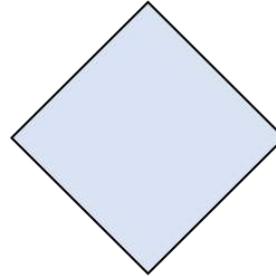
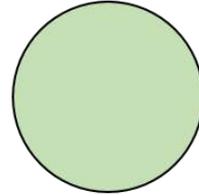
Make up your own problem like this for a partner.



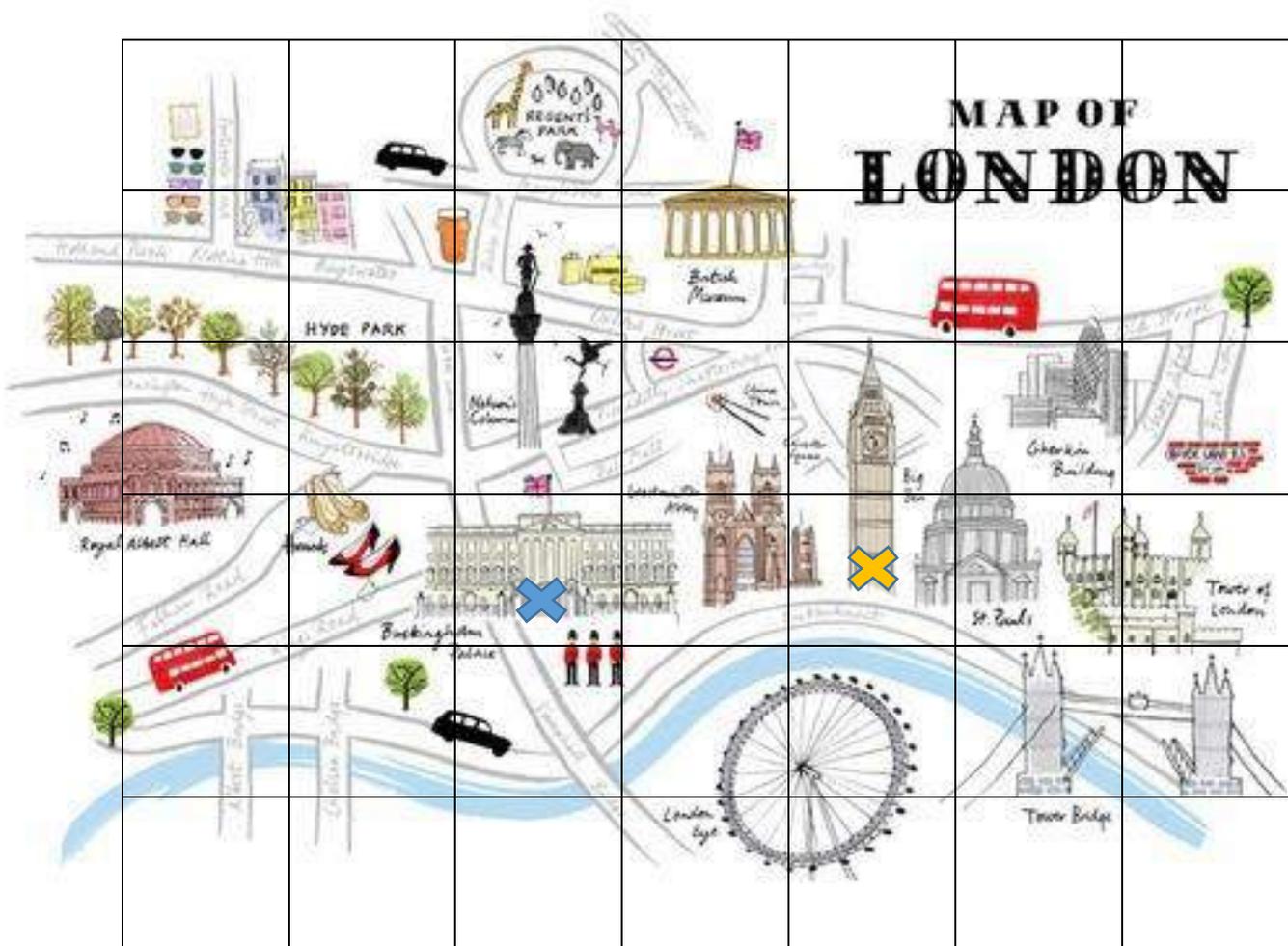


The square is in between the circle and the triangle.

True



What else could you say?



forwards

Start at the gates of Buckingham Palace

backwards 2

right 2

Where are you? _____

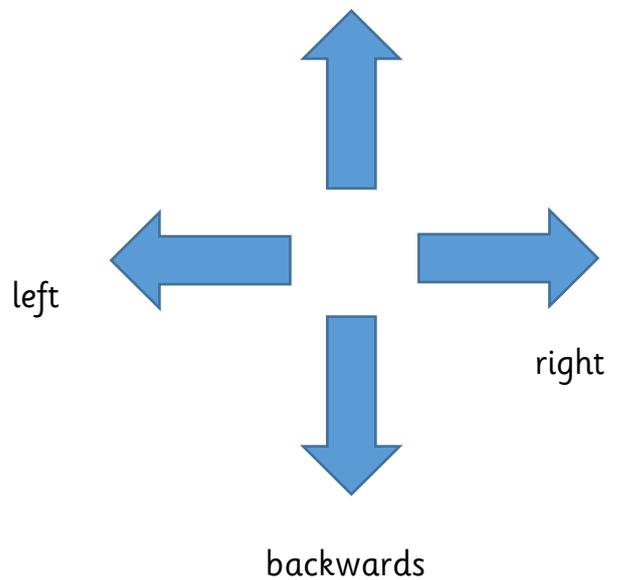
Start at Big Ben

forwards 2

left 2

backwards 1

Where are you? _____



Write your own instructions and send them to Mrs Mercer

cal27@catshillfirst.worcs.sch.uk