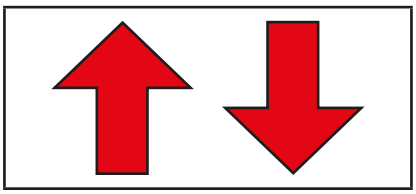
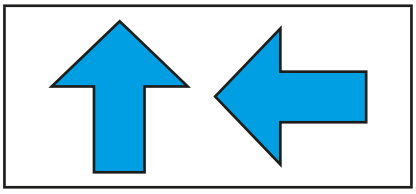
Describe turns

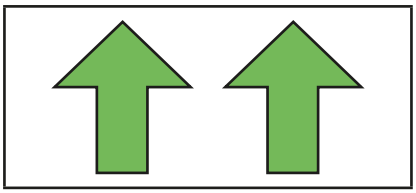
1 Match the shapes to the turns.



quarter turn



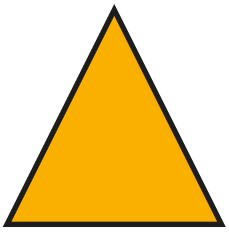
half turn



full turn

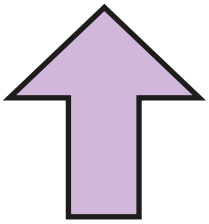
2 Draw what the shapes will look like after each turn.

a) a half turn



b) a quarter turn

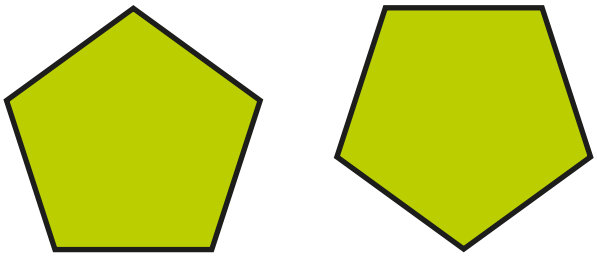
c) a three-quarter turn



3 Complete the sentences to describe the turns.

quarter | half | three-quarter | full

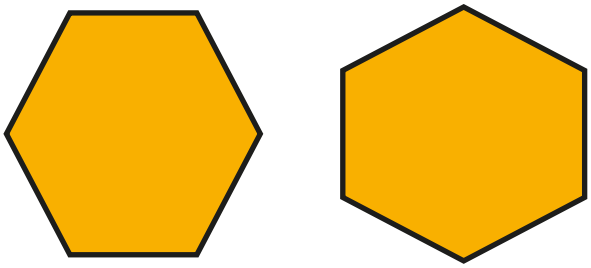
a)



The pentagon has turned

a _____ turn

b)

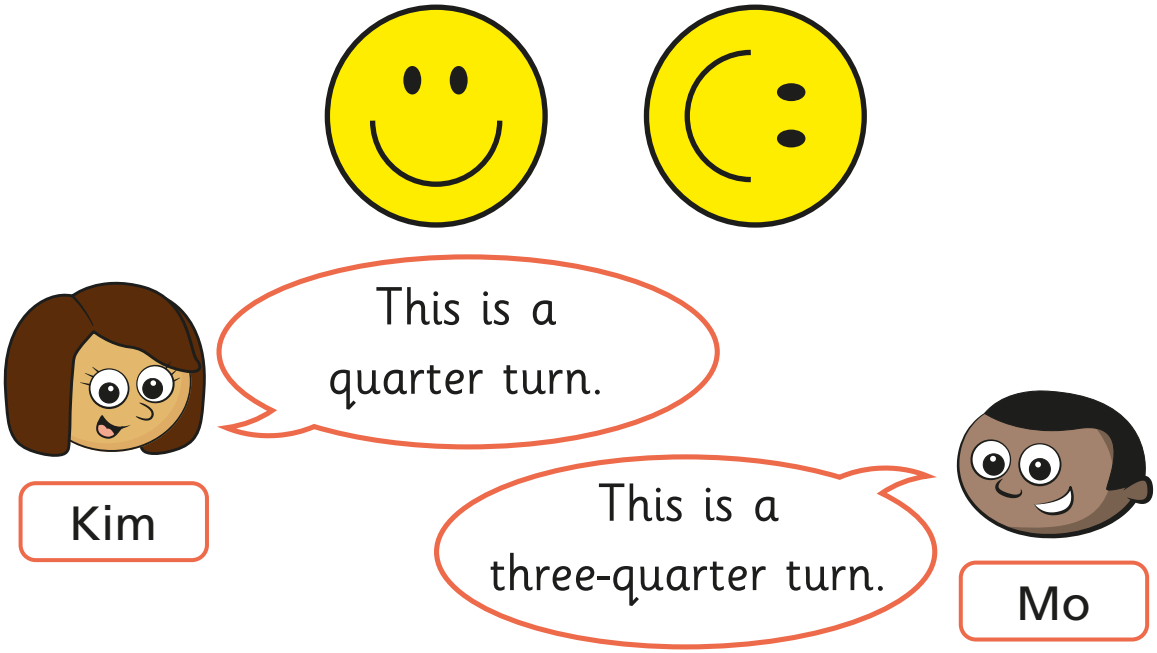


The hexagon has turned

a _____ turn

Is there more than one answer for each shape?

4 Kim and Mo are describing turns.



Who do you agree with? _____

Talk about it with a partner.

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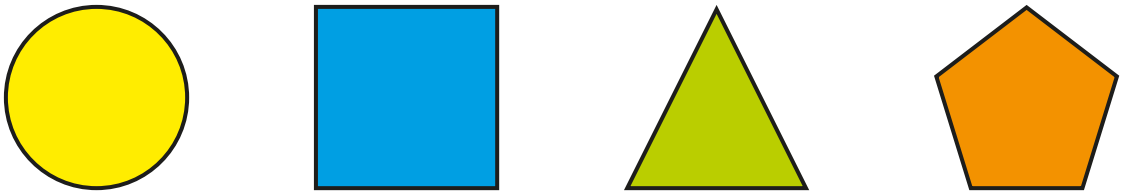
Describe position (1)

1 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.

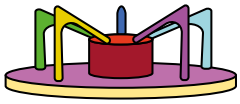
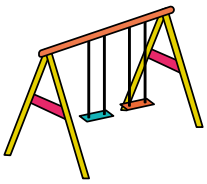
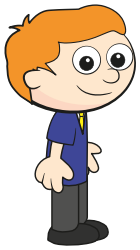
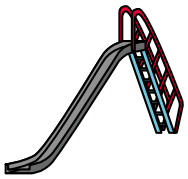
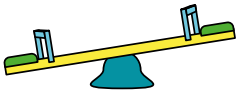
b) Draw a triangle to the right of the cone.

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.

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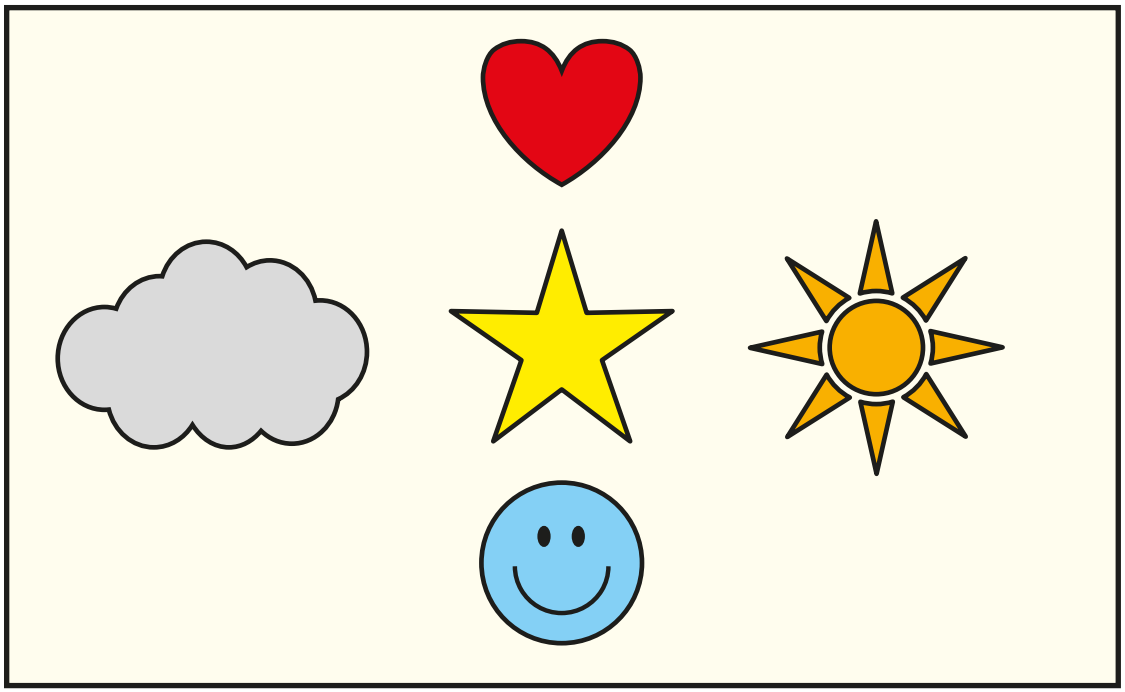
Describe position (2)

1 Here is a poster that Tom has made.



Use the words to complete the sentences.

left	right	above	below

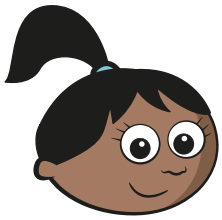
a) The heart is _____ the star.

b) The sun is to the _____ of the cloud.

c) The smiley face is _____ the heart.

How many other sentences can you think of?

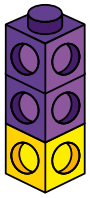
2 Sam has built a tower from purple and yellow cubes.



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

Which one is Sam's tower?

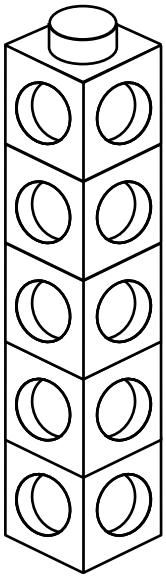
Tick your answer.



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

Can your partner build the tower?

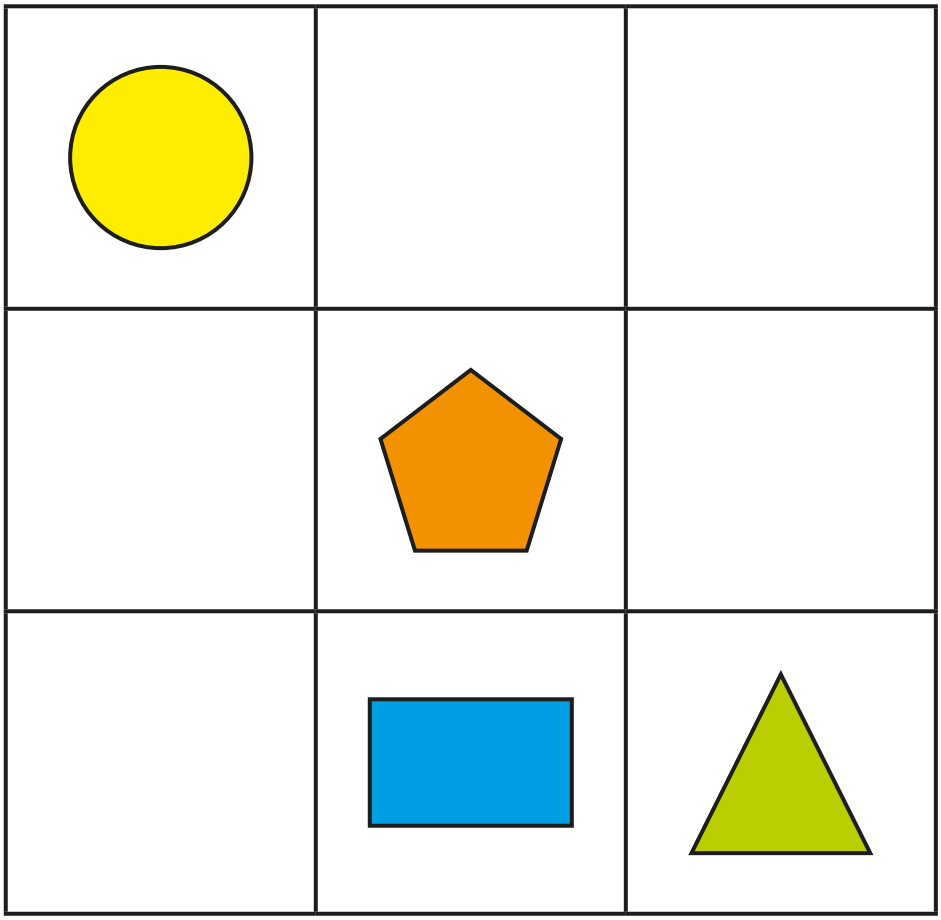
3 Colour the cubes to match the sentences.



- 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.

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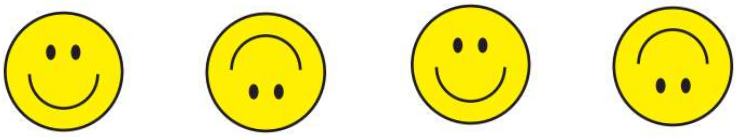
Problem solving with position & direction

1 Mo draws this pattern.



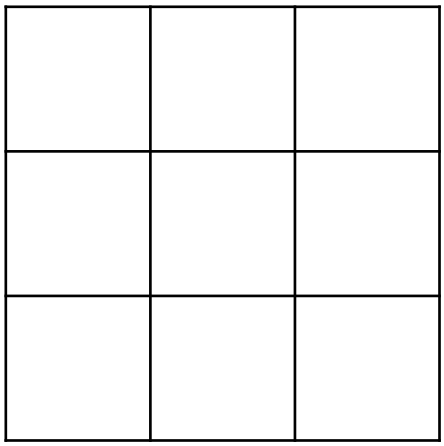
a) Draw the 6th smiley in the pattern.

b) Draw the 8th smiley in the pattern.

c) Draw the 10th smiley in the pattern.

Tell your partner what you notice.

2 Here is a grid.



- Draw a in the top left box.
- In the bottom right box, draw a
- Draw a above the
- Draw a below the
- Draw a between the and the

3 Some objects are on the shelves.

a) Tick one box to show true or false.

	True	False
The is below the .		
The are to the left of the		
The is above the .		
The is above the .		

b) How many different ways can you describe the position of the ball?

c) I am above the .
I am to the left of the .
What am I?

_____

Make your own puzzles to test your friends.

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