



Answer Sheet

Monday

Starter activity (all) - name that shape!

Top row - triangle, square, circle, hexagon, pentagon, rectangle (oblong)

Bottom row - oval, heptagon, octagon

Mild

Complete the sentences to describe the shapes.

a)



A pentagon has sides.

c)



A square has sides.

b)



A triangle has sides.

d)



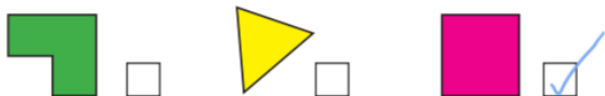
A hexagon has sides.

Extension - a: 5, b: 3, c: 4, d: 6

Tick the 4-sided shapes.

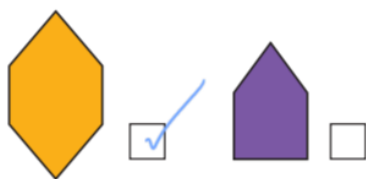


Tick the shapes with 4 vertices.

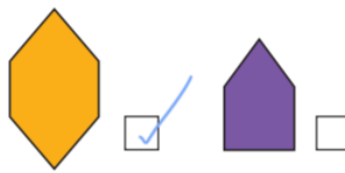


Medium

Tick the 6-sided shapes.



Tick the shapes with 6 vertices.

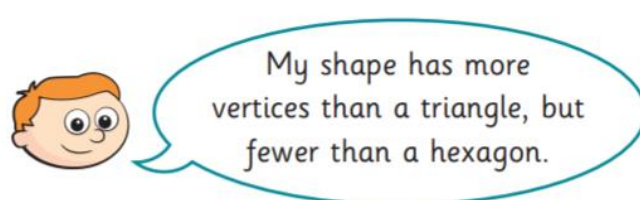
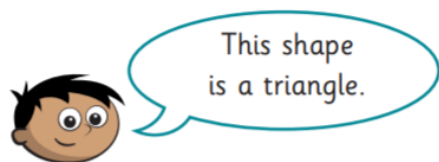


<u>Straight sides</u>	<u>Curved sides</u>
rectangle	circle
square	semi-circle
triangle	

Can you draw and name the shape?
hexagon
triangle
circle

Spicy

2D Shape	Total Number of Sides	Number of Straight Sides	Number of Curved Sides	Number of Vertices
Square	4	4	0	4
Rectangle	4	4	0	4
Circle	1	0	1	0
Triangle	3	3	0	3
Pentagon	5	5	0	5
Hexagon	6	6	0	6



Is Amir correct? No

What shape could Ron have? e.g. square

Rosie is making a pattern out of shapes.

a) How many vertices are in each term of her pattern?



Tuesday

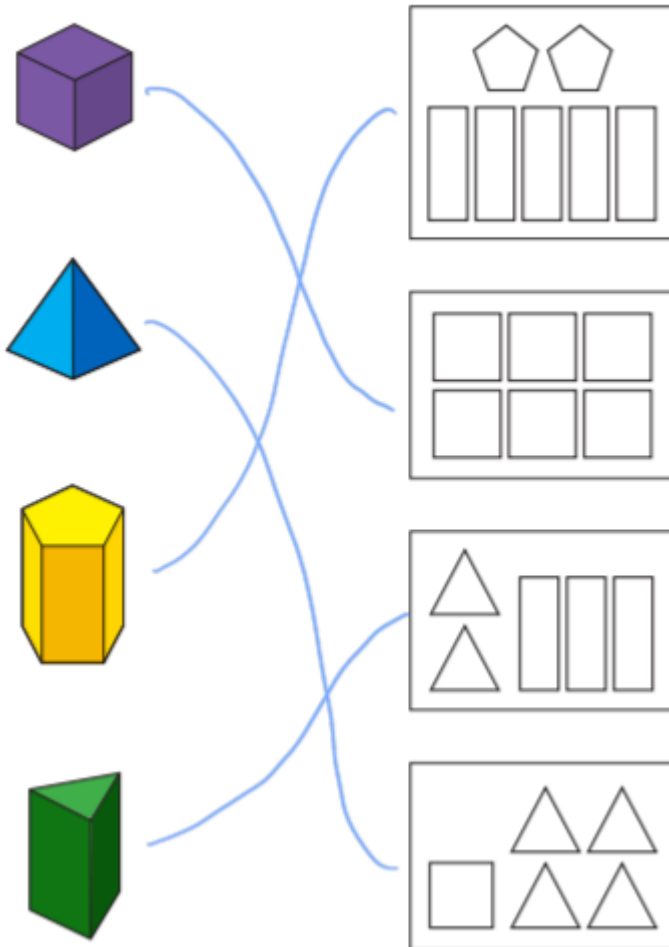
Starter activity (all children) - name that shape!

Top row - square based pyramid, triangular prism, cone, cuboid

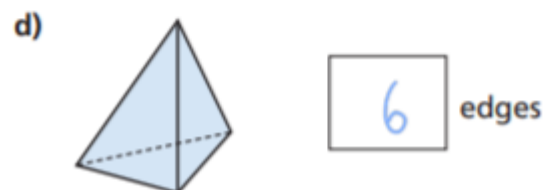
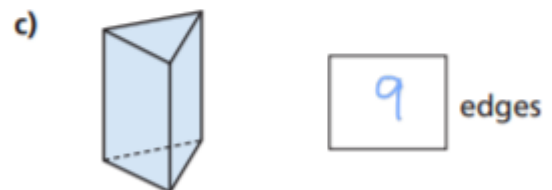
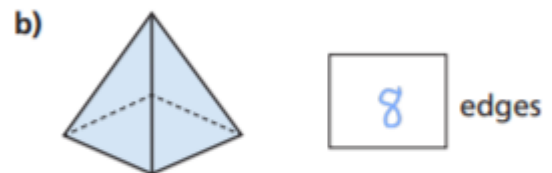
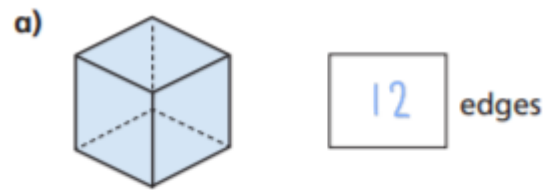
Bottom row - cube, cylinder, sphere

Mild

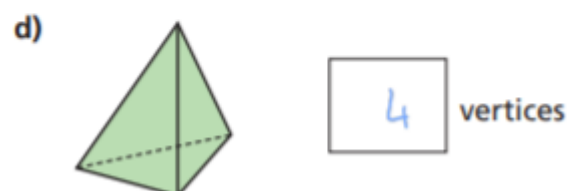
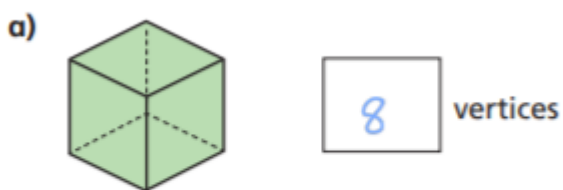
Match the shapes to the faces.



How many edges does each shape have?

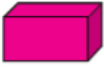


How many vertices does each shape have?



Medium

Complete the table.

Shape	Name	Number of faces
	cuboid	6
	pyramid	5
	cube	6
	triangular prism	5

Complete the table.

Shape	Name	Number of edges	Number of faces
	cuboid	12	6
	pyramid	8	4
	cube	12	6
	triangular prism	9	5

Complete the table.

Shape	Name	Number of vertices
	cuboid	8
	pyramid	5
	cube	8
	cylinder	0



3D shapes always have more edges than faces.

Do you agree? NO

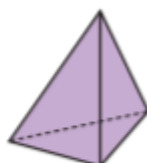
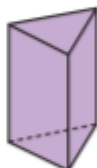
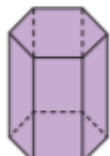
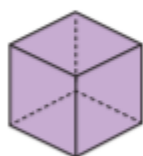


My shape has one curved surface.

What shape is Jack describing? e.g. cylinder

Spicy

Use the clues to label the shape with the correct letter.



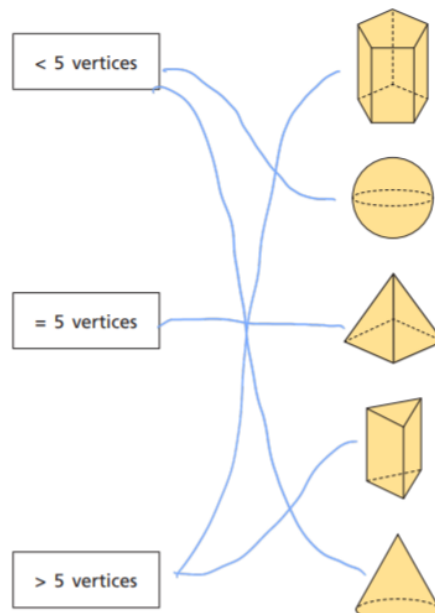
D

B

A

C

Match each shape to the correct label.



Write the name of two 3D shapes that have the same number of edges.

e.g.

cube and cuboid



A cube is the only 3D shape with 6 faces.

Alex has made a mistake.

Name another 3D shape that has 6 faces.

cuboid

Complete the sentences.

more

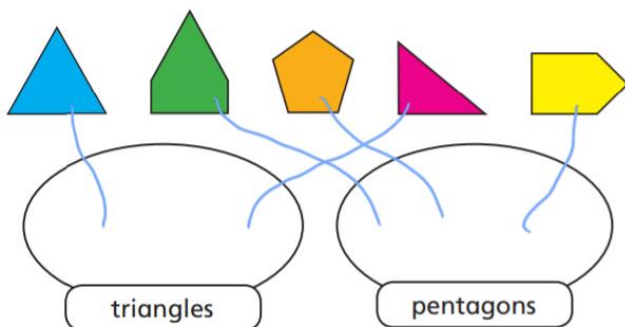
fewer

- a) A cube has more vertices than a sphere.
- b) A sphere has fewer vertices than a cone.
- c) A triangular prism has fewer vertices than a cuboid.

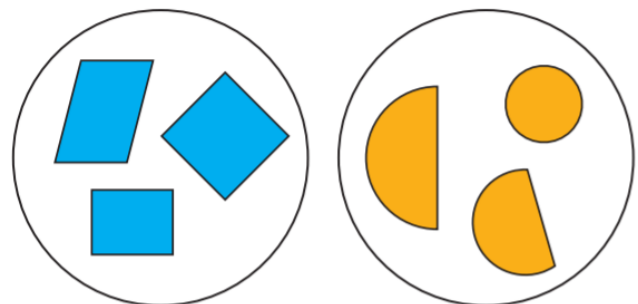
Wednesday

Mild

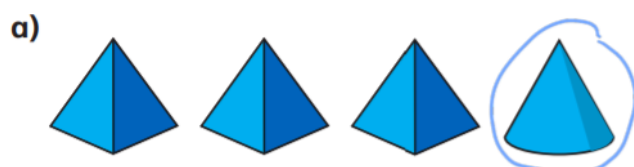
1 Draw lines to sort the shapes into groups.



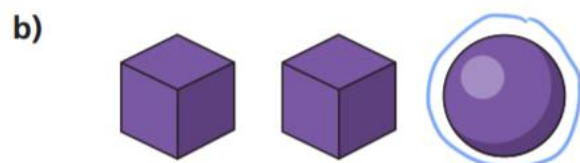
2 How have the shapes been sorted?



Circle the odd one out in each group and complete the sentences.



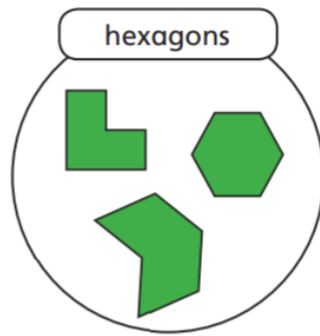
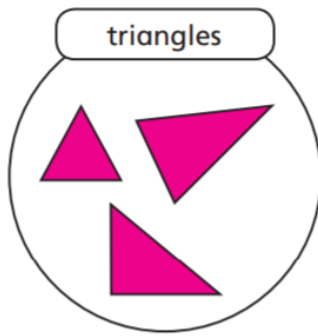
The odd one out is a cone.



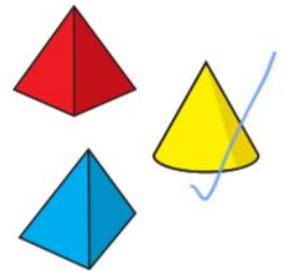
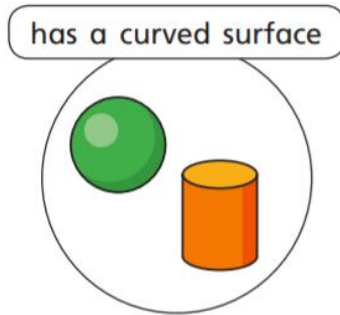
The odd one out is a sphere.

Medium

3 Eva sorts some shapes.



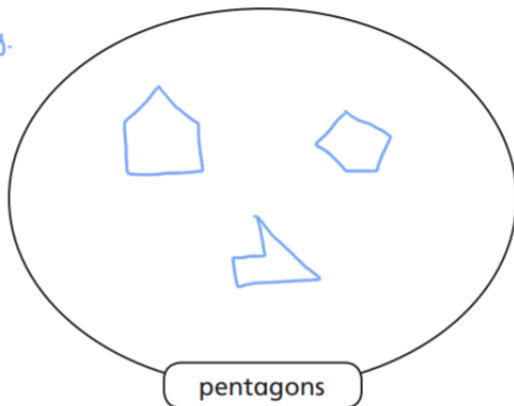
Tick the shape that could go in the group.



a) Is Eva correct? yes

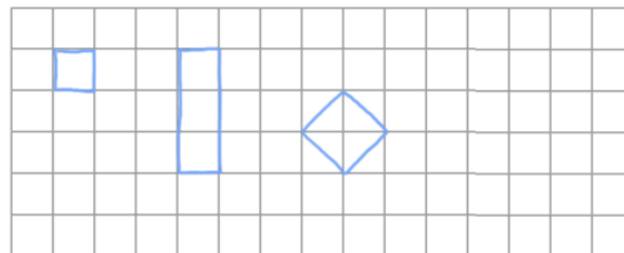
b) Draw a group of three different pentagons.

e.g.

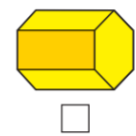
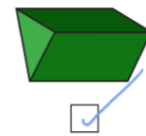
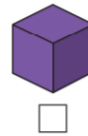


Draw three different shapes in each group.

shapes with 4 sides

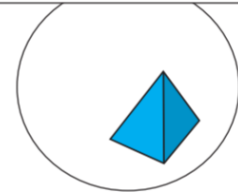
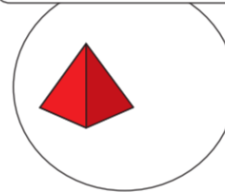


3 Tick the shape that could go in both groups.



odd number of faces

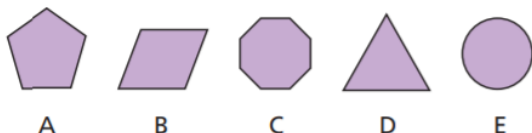
even number of vertices



Spicy

a) Sort the shapes in order of the number of sides.

Start with the shape that has the fewest sides.



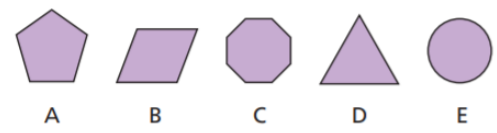
fewest

most

E D B A C

b) Sort the shapes in order of the number of vertices.

Start with the shape that has the fewest vertices.



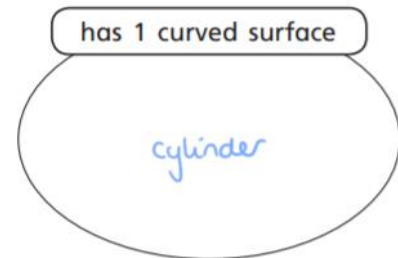
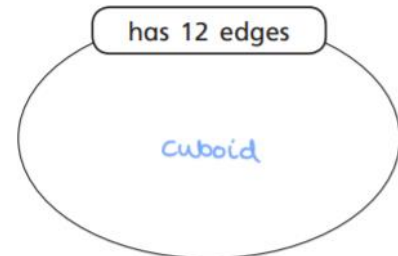
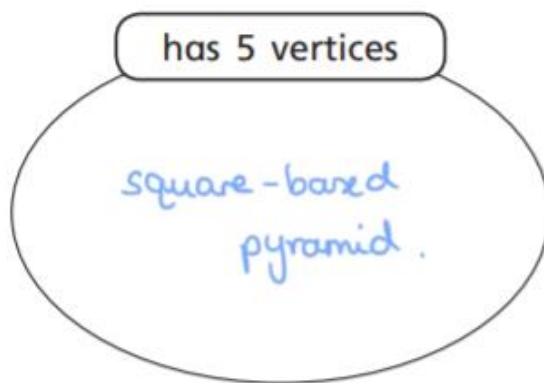
fewest

most

E D B A C

Write the name of a 3D shape that could go in each group.

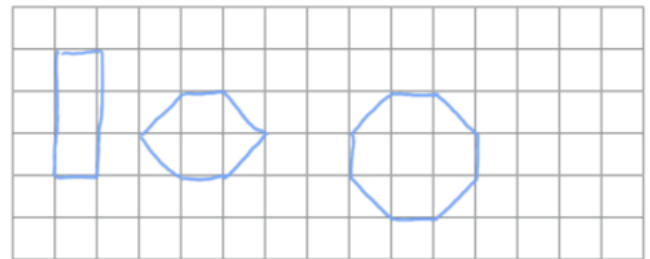
e.g.



shapes with an odd number of vertices



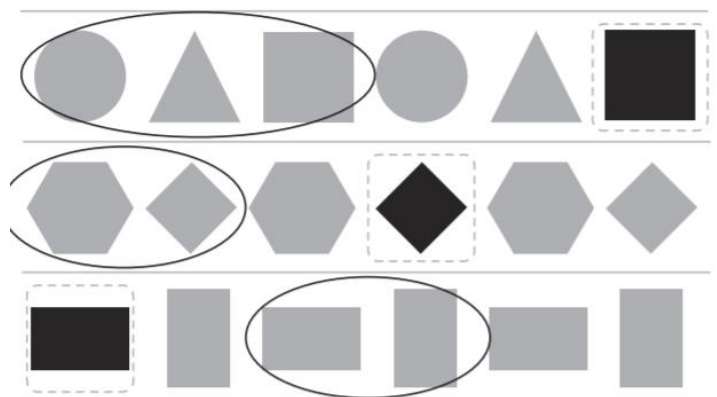
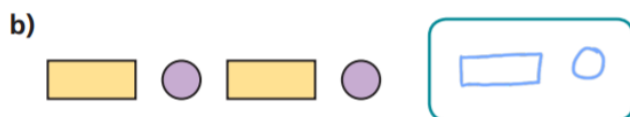
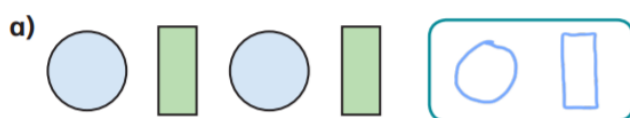
shapes with an even number of sides



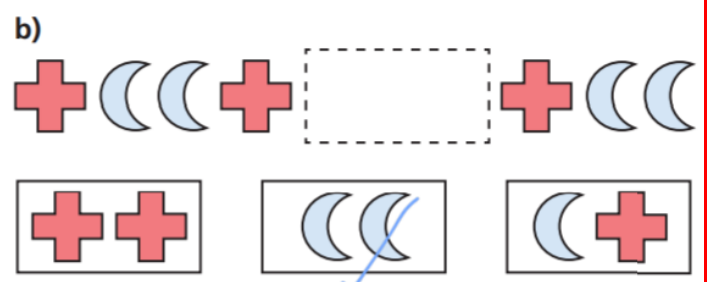
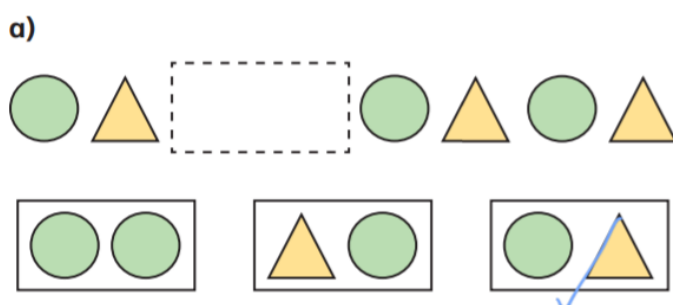
Thursday

Mild

Draw the next two shapes in each pattern.



hexagon, square, hexagon, square,
hexagon, square



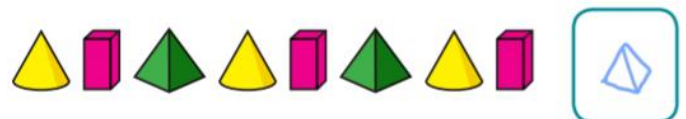
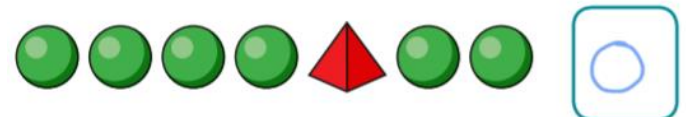
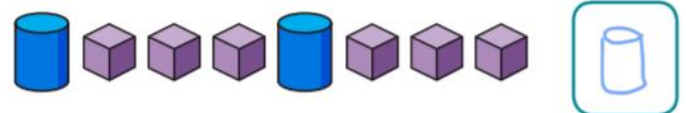


Medium



My pattern goes:
circle, triangle, square,
then it repeats.

- a) Draw the first 9 shapes in Rosie's pattern.

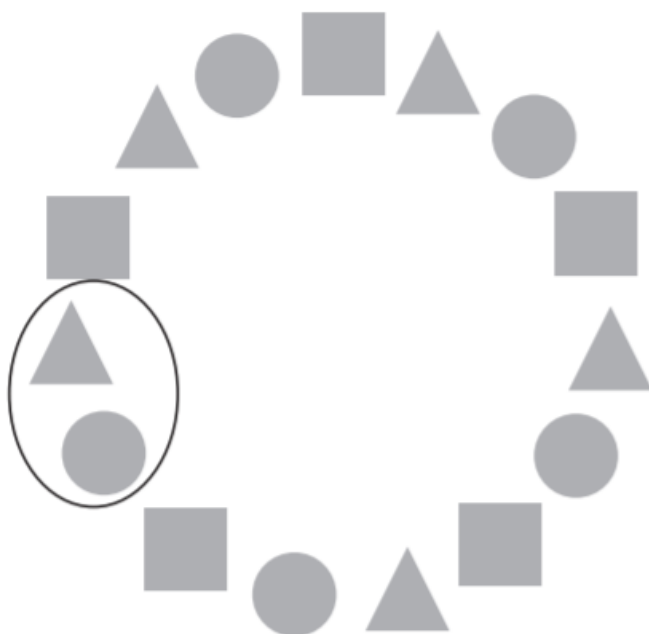


- b) What is the name of the 10th shape in the pattern?

circle

- c) What is the name of the shape to the right of the 5th shape?

square



- 3 Here is a pattern made with 3D shapes.



- a) Write the name of the 4th shape in the pattern.

cuboid

- b) What would the 13th shape in the pattern be?

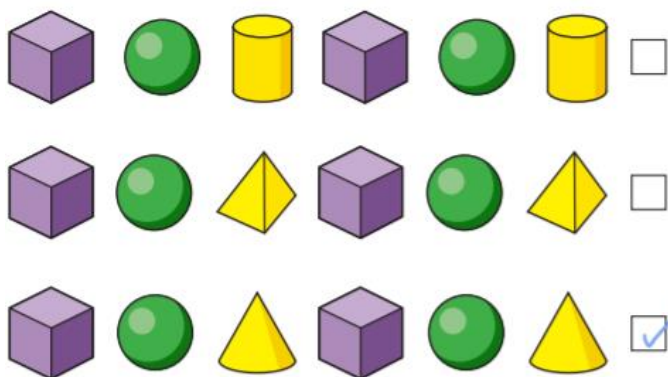
cone

The triangle and circle with a ring around them
are the wrong way round.

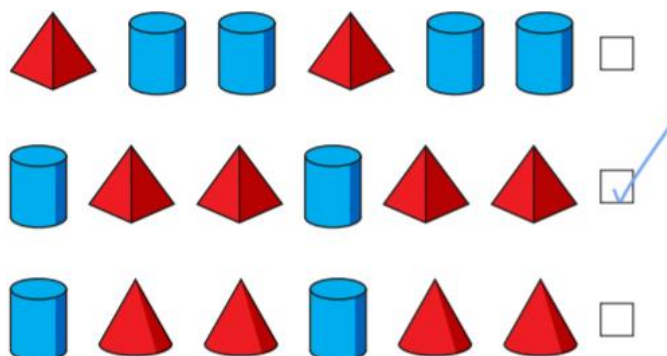
Spicy

Tick the row that shows the pattern.

a) cube, sphere, cone, cube, sphere, cone

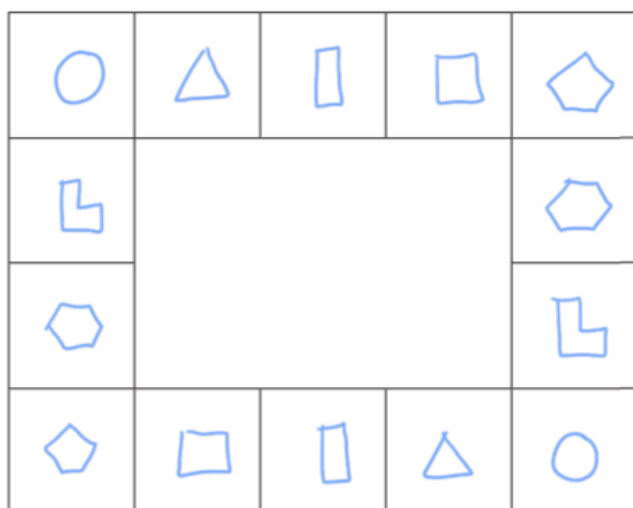


b) cylinder, pyramid, pyramid, cylinder, pyramid, pyramid

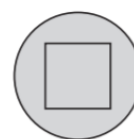


Draw a shape in each box to make a repeating pattern.

You may want to practise on a whiteboard.



Missing shape:



Next (7th) shape:



9th shape:



False – the shape shown is not the 12th shape.

12th shape:



Friday

Key skills

Telling the time

Top row – 3 o'clock, half past 4, quarter past 2

Middle row – half past 10, 7 o'clock, quarter to 7

Bottom row – quarter to 5, quarter to 7, quarter to 3

