



Maths – Friday 5th February

Retrieval practice:



What properties of 3D shapes have we looked at?

Retrieval practice:



What properties of 3D shapes have we looked at?

Faces, vertices and edges.

WALT: Make patterns with 3D shapes.



Circle the shape that will come next in the pattern below.



A.



B.



C.



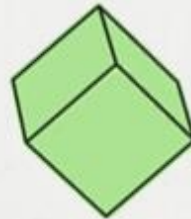
Circle the shape that will come next in the pattern below.



A.



B.



C.



Circle the shape that will come next in the pattern below.



A.



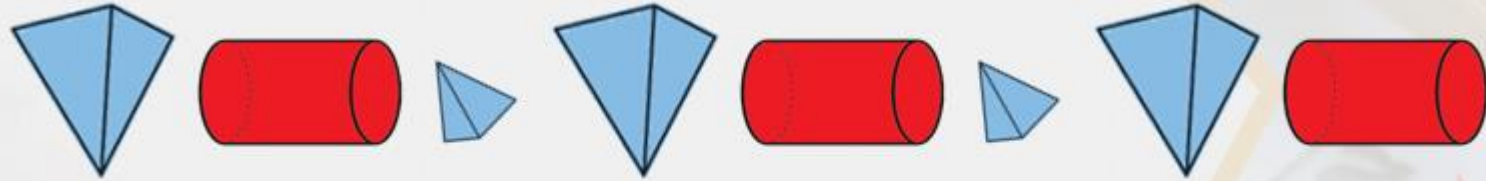
B.



C.



Name the next shape in the pattern.

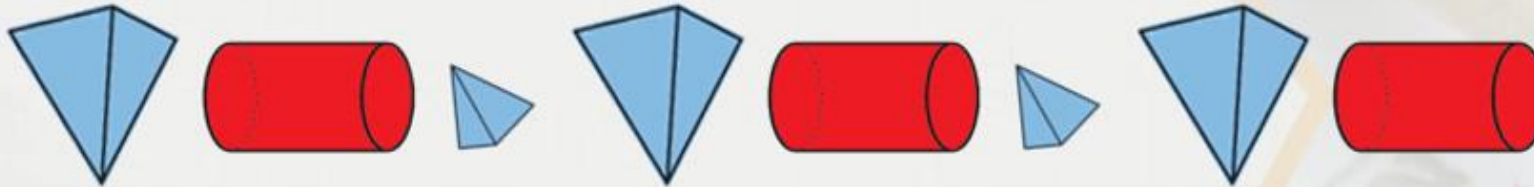


**large
pyramid**

cylinder

**small
pyramid**

Name the next shape in the pattern.



**large
pyramid**

cylinder

**small
pyramid**

Name the next shape in the pattern.



large
pyramid

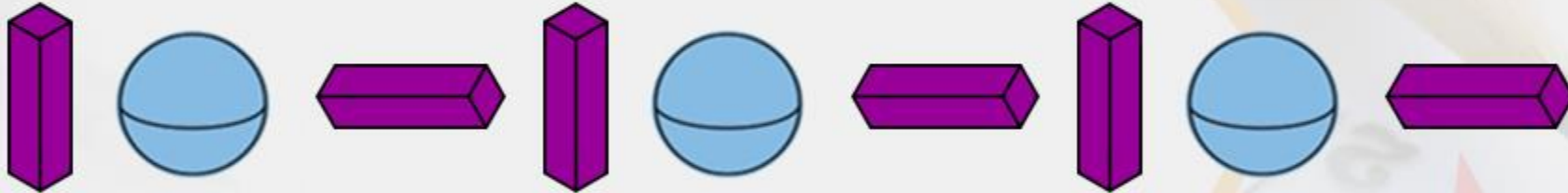
cylinder

small
pyramid

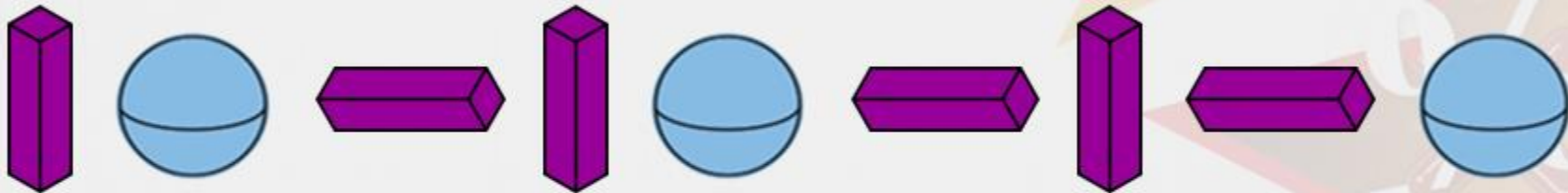
Which pattern is correct?



A.

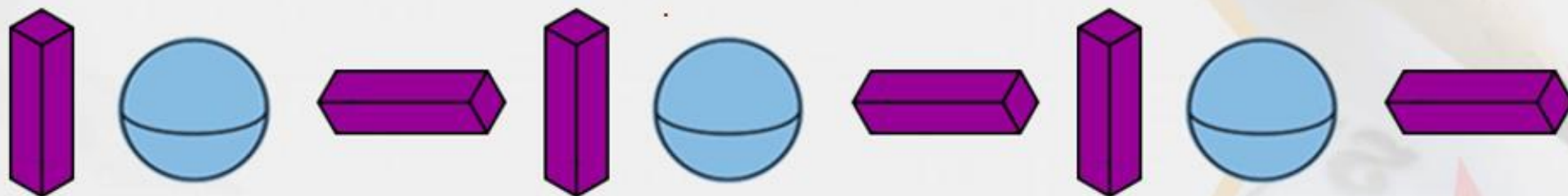


B.

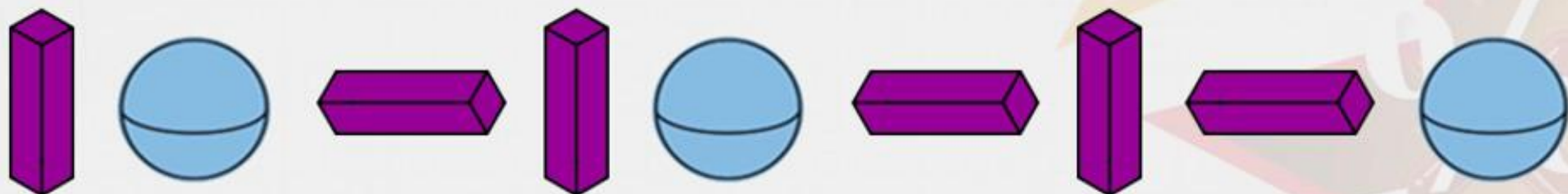


Which pattern is correct?

A.



B.

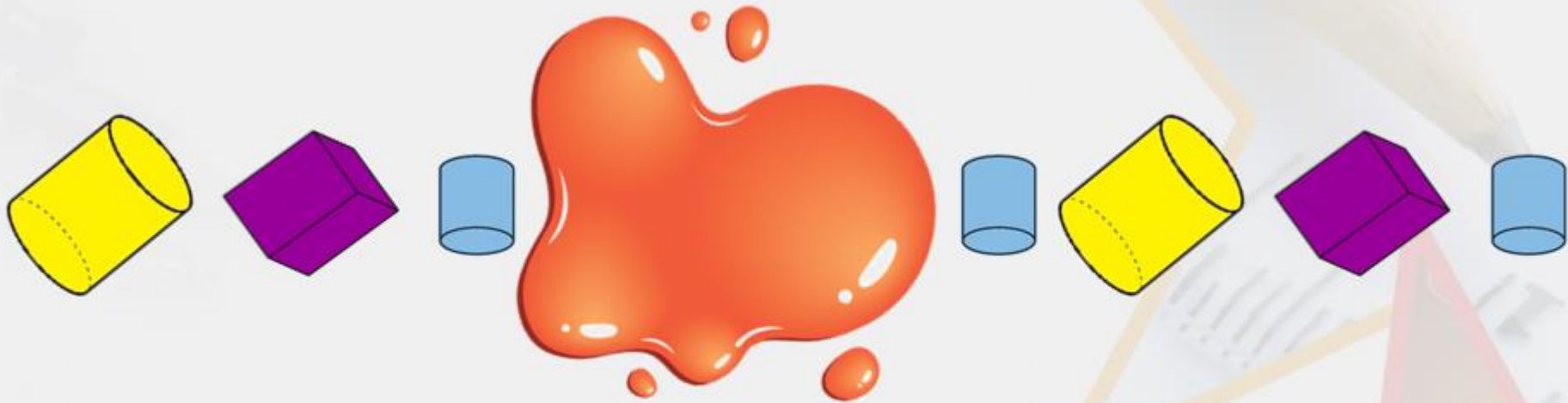


A

One to discuss



Name the shapes hidden under the splat.



Explain how you know.

One to discuss



Name the shapes hidden under the splat.



Explain how you know.

The large cylinder and the cuboid are hidden under the splat because there are 3 different shapes in the pattern and the large cylinder comes after the small cylinder and the cuboid comes after the large cylinder.



Your task today

Make patterns with 3D shapes



1 Draw the next shape in each pattern.



2 What is the name of the 3rd shape in the pattern?



3 Here is a pattern made with 3D shapes.

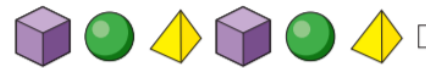


a) Write the name of the 4th shape in the pattern.

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

4 Tick the row that shows the pattern.

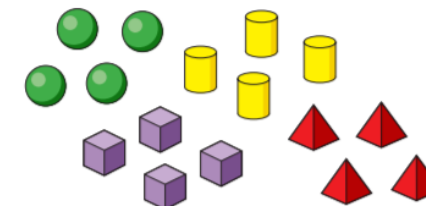
a) cube, sphere, cone, cube, sphere, cone



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



5 Eva is making a pattern using these shapes.



a) What pattern could Eva make?

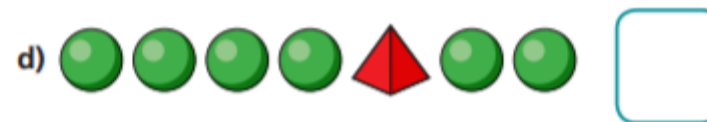
b) Can you arrange Eva's shapes to make a symmetrical pattern?

c) Compare answers with a partner.

Make patterns with 3D shapes



I Draw the next shape in each pattern.





2 What is the name of the 3rd shape in the pattern?



3 Here is a pattern made with 3D shapes.



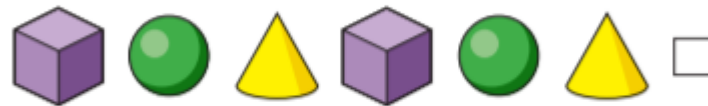
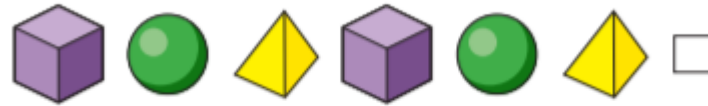
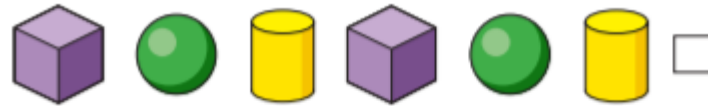
a) Write the name of the 4th shape in the pattern.

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



4 Tick the row that shows the pattern.

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

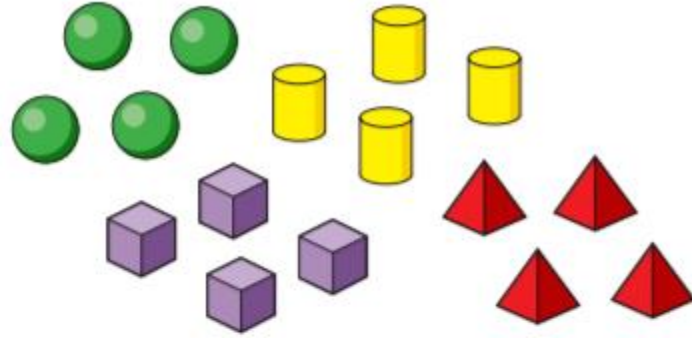


b) cylinder, pyramid, pyramid, cylinder,
pyramid, pyramid





- 5 Eva is making a pattern using these shapes.



- a) What pattern could Eva make?

- b) Can you arrange Eva's shapes to make a symmetrical pattern?

- c) Compare answers with a partner.