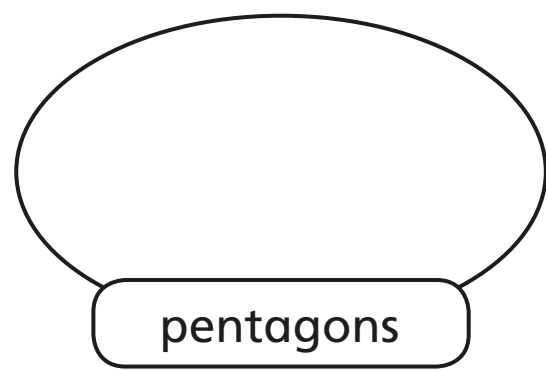
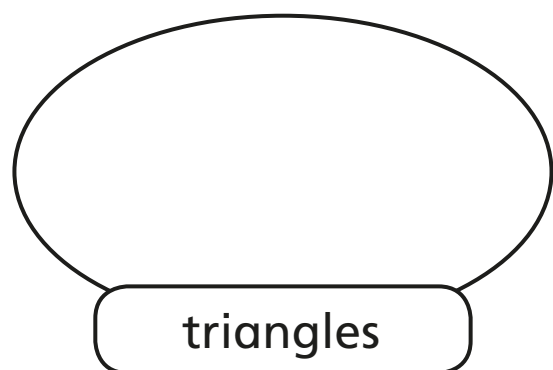
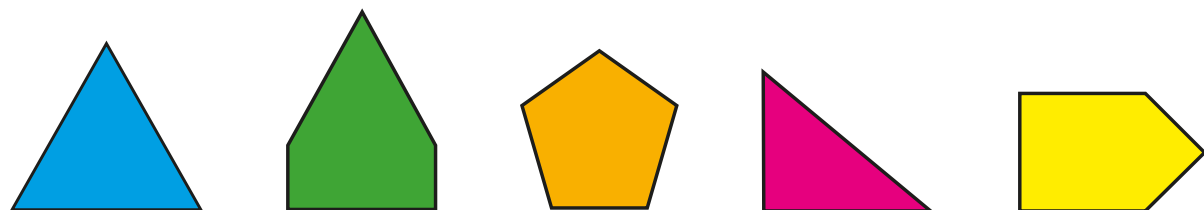
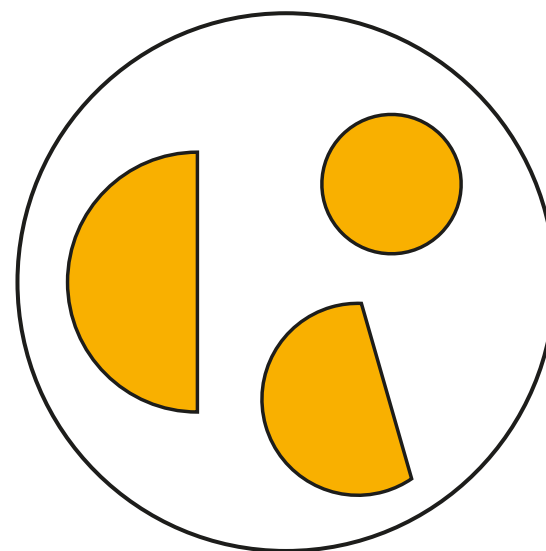
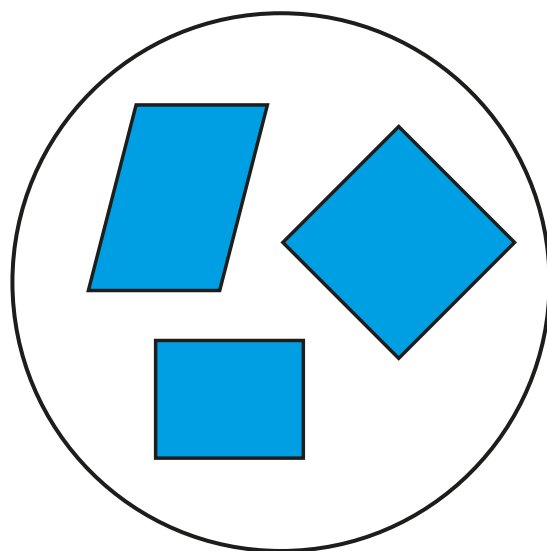


Sort 2D shapes

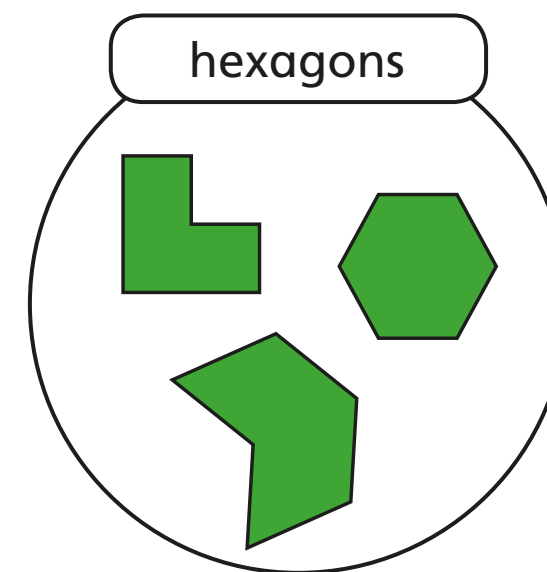
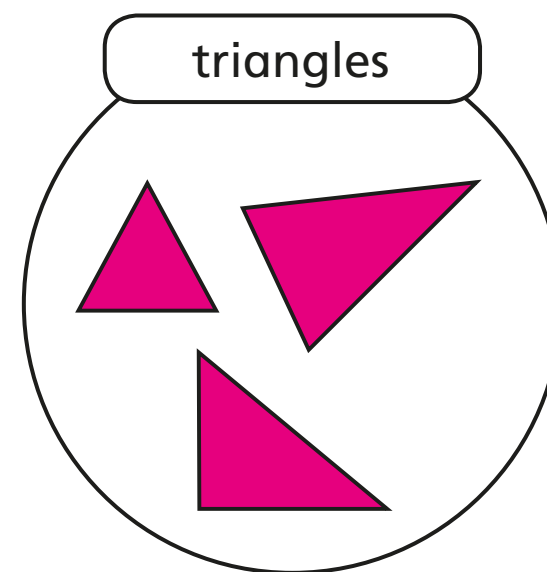
1 Draw lines to sort the shapes into groups.



2 How have the shapes been sorted?



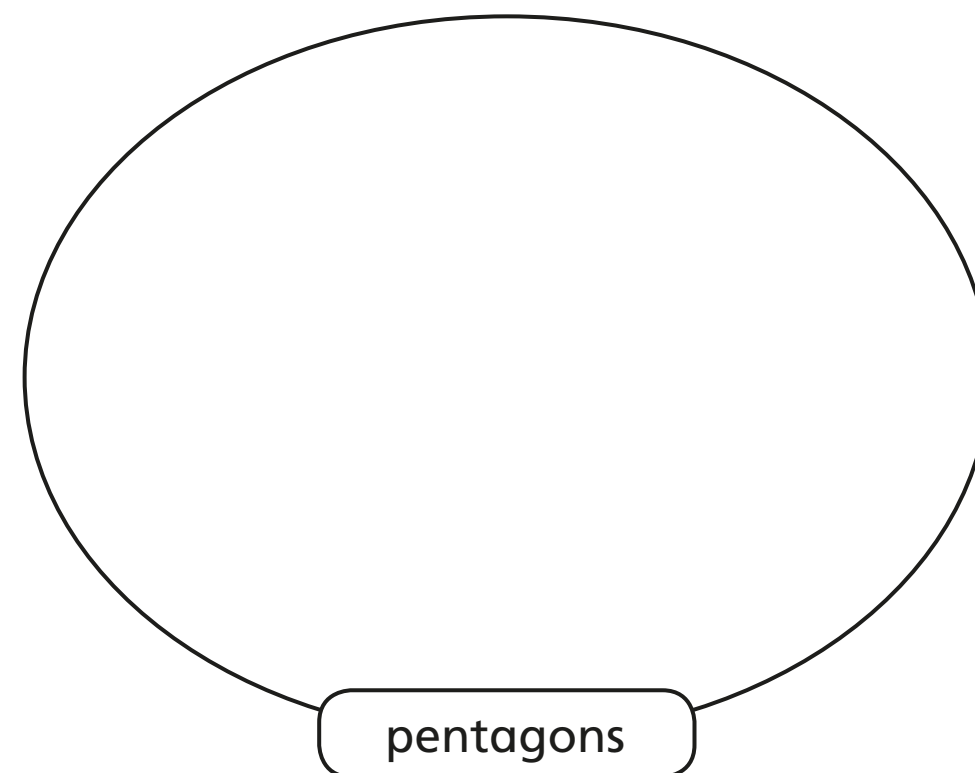
3 Eva sorts some shapes.



a) Is Eva correct? _____

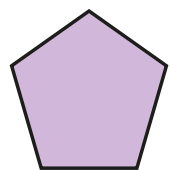
How do you know?

b) Draw a group of three different pentagons.

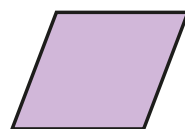


- 4 a) Sort the shapes in order of the number of sides.

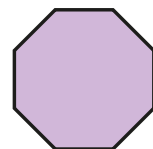
Start with the shape that has the fewest sides.



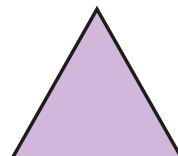
A



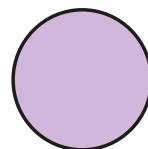
B



C



D



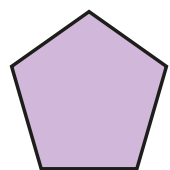
E

fewest

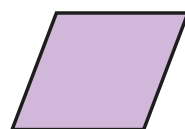
most

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

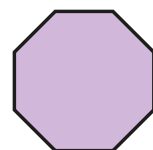
Start with the shape that has the fewest vertices.



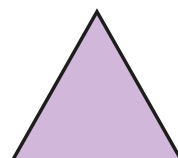
A



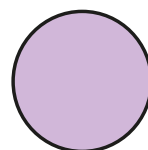
B



C



D



E

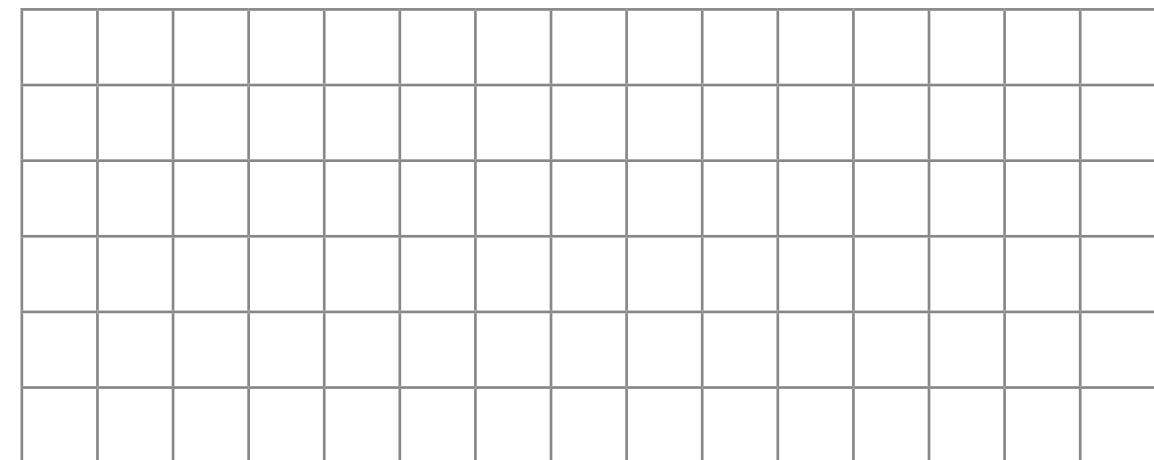
fewest

most

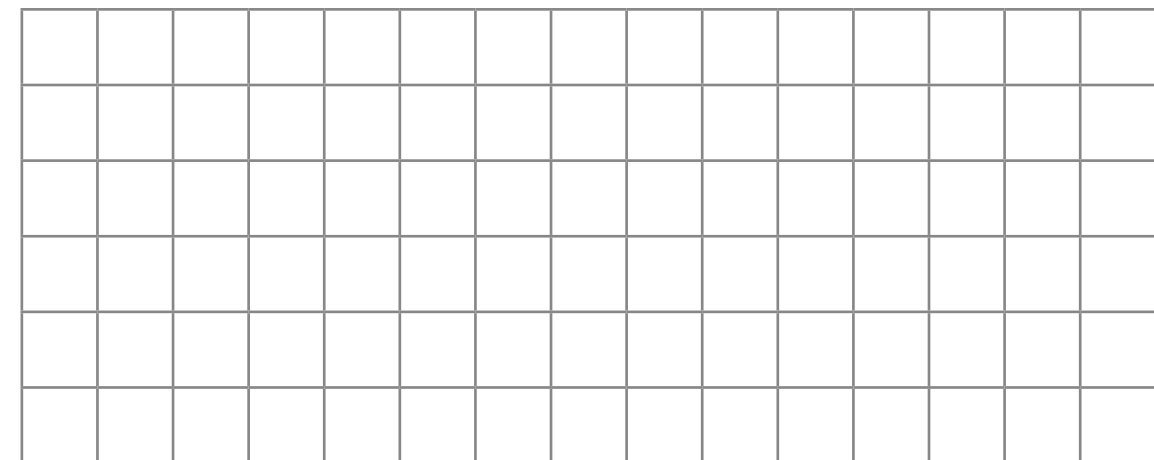
- c) What do you notice about your answers to part a) and part b)?

- 5 Draw three different shapes in each group.

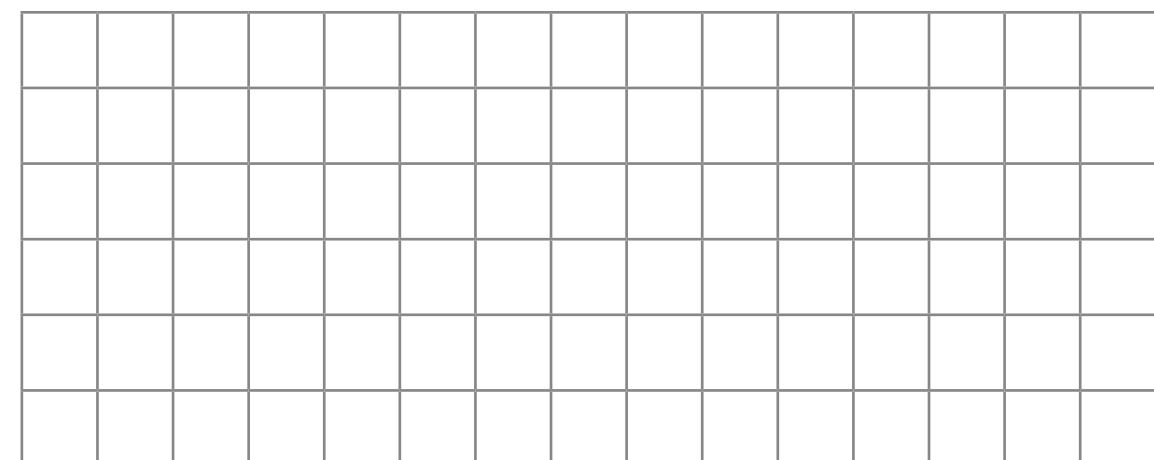
shapes with 4 sides



shapes with an odd number of vertices



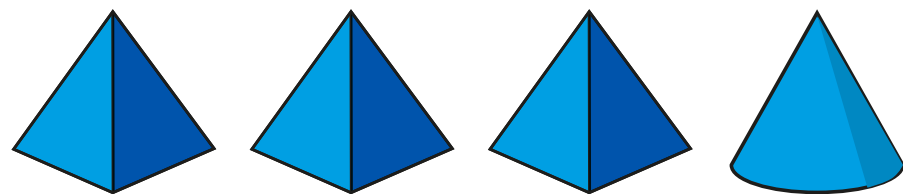
shapes with an even number of sides



Sort 3D shapes

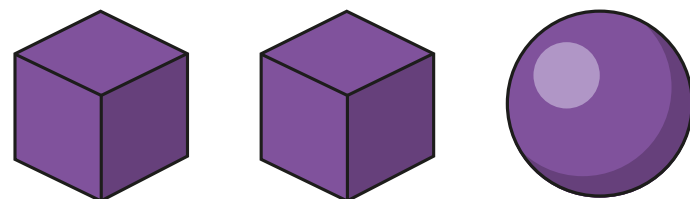
- 1 Circle the odd one out in each group and complete the sentences.

a)



The odd one out is a _____.

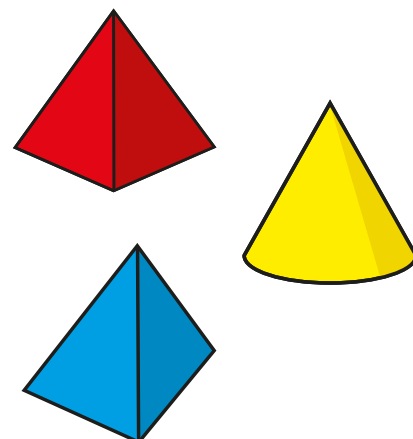
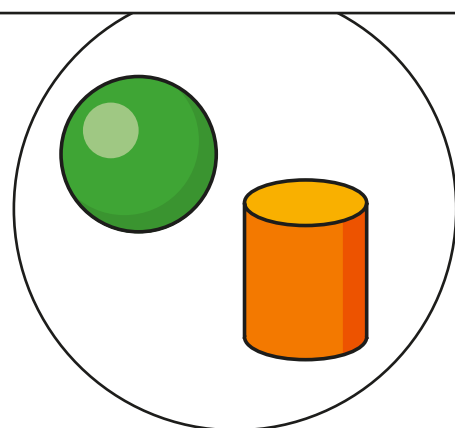
b)



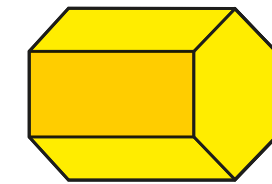
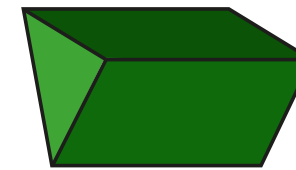
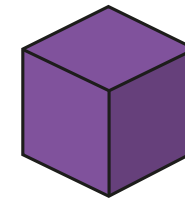
The odd one out is a _____.

- 2 Tick the shape that could go in the group.

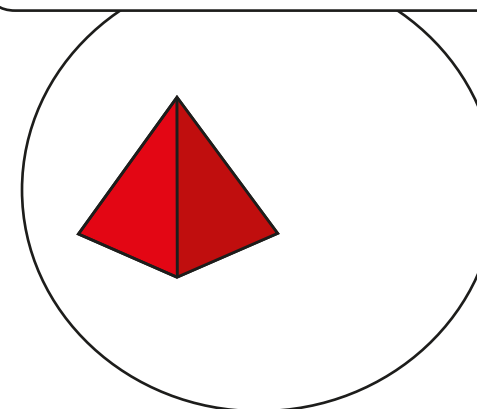
has a curved surface



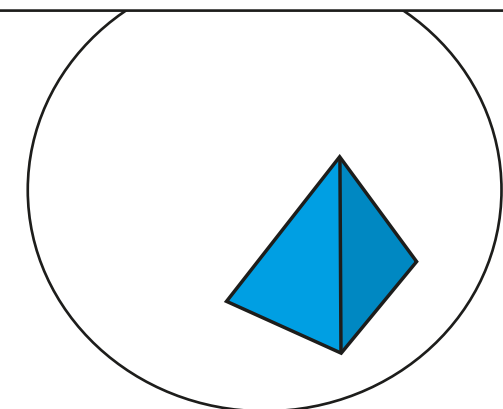
- 3 Tick the shape that could go in both groups.



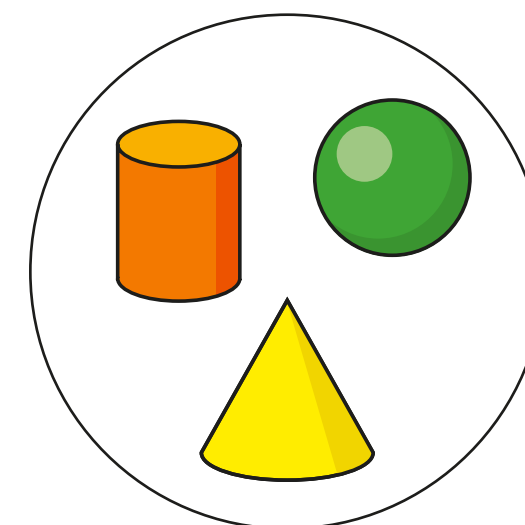
odd number of faces



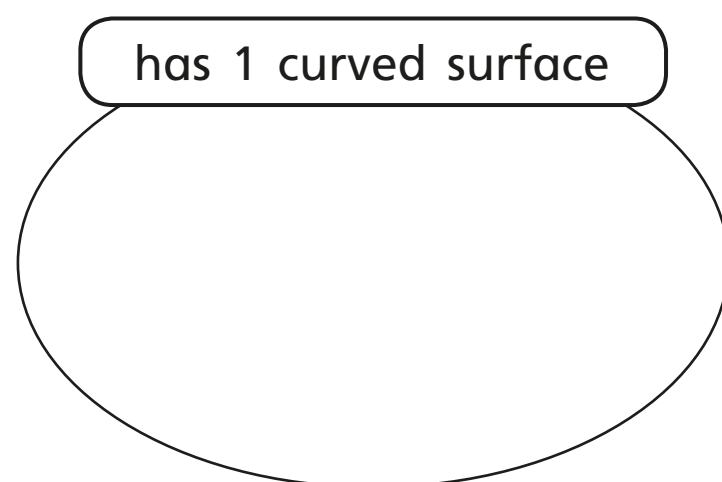
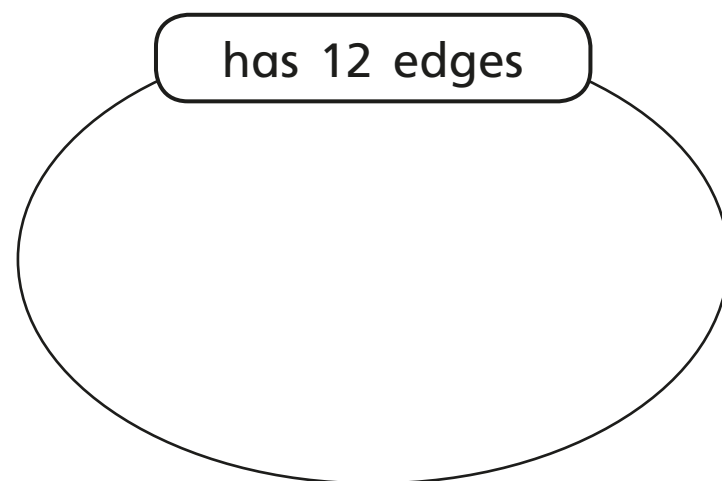
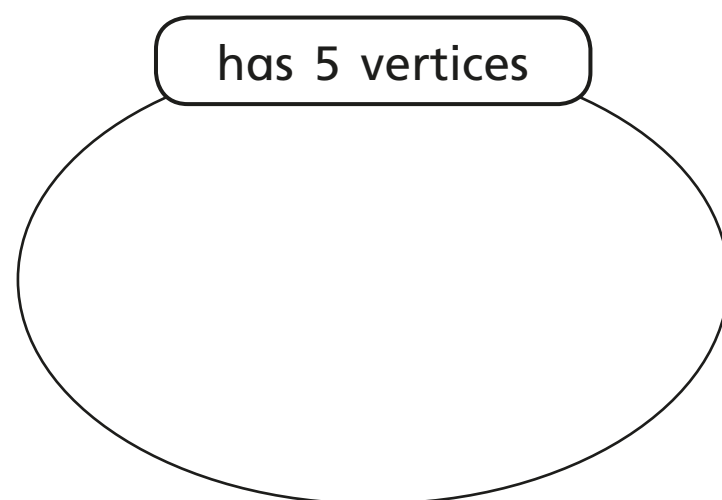
even number of vertices



- 4 How have the shapes been grouped?



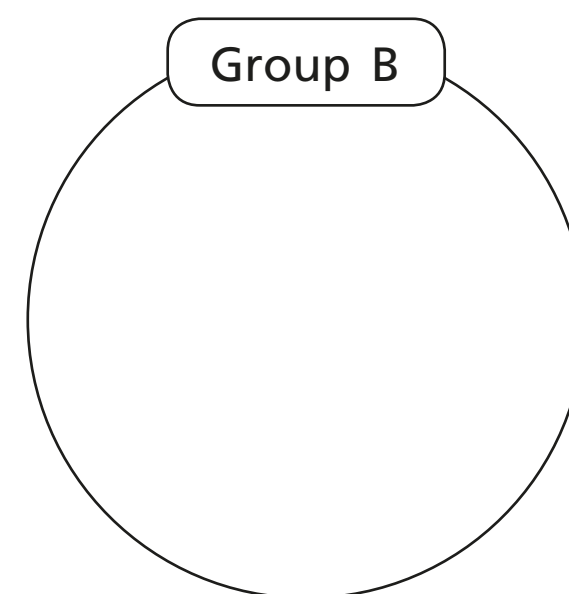
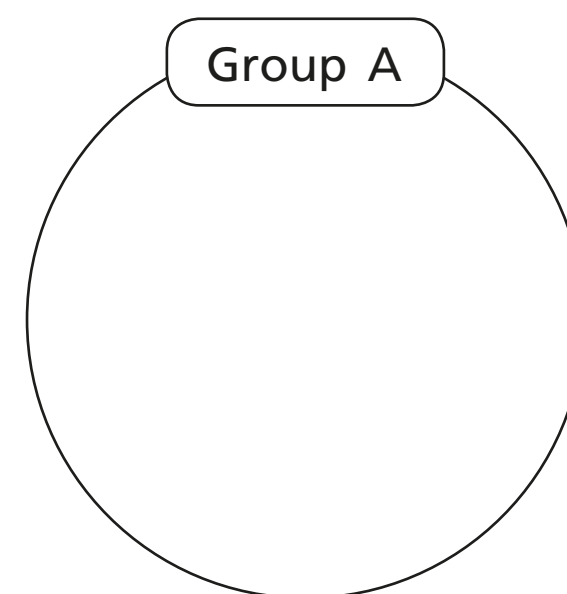
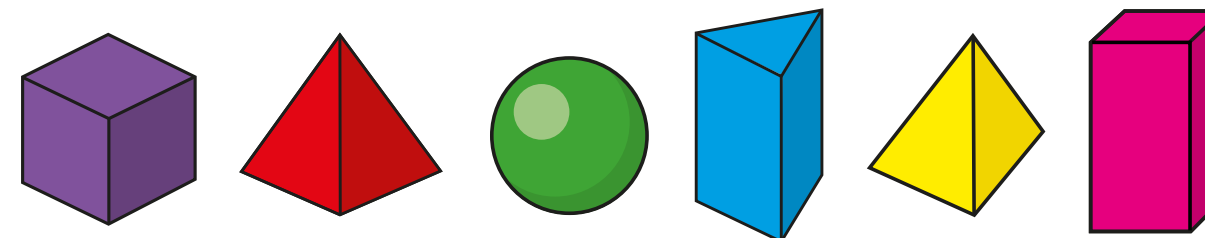
- 5 Write the name of a 3D shape that could go in each group.



Can you think of any other shapes to go in each group?



- 6 a) Draw lines to sort the shapes into two groups.



- b) Give each of your groups a label.

Group A: _____

Group B: _____

Compare answers with a partner.

