

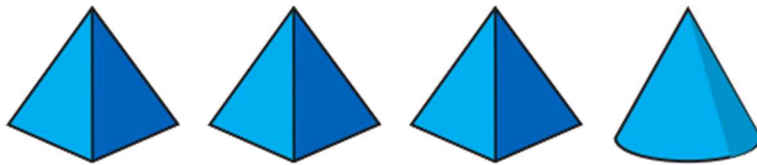
Name: _____

Date: 1.3.21

Sorting 3D shapes

Watch this video <https://youtu.be/W0Eq4FzFmtU> and then have a go at sorting these 3D shapes.

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



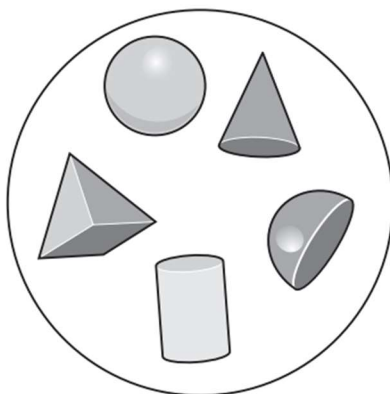
a. The odd one out is a _____.



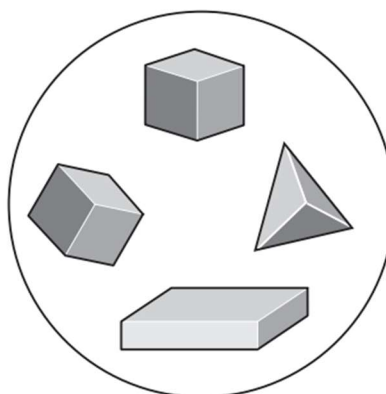
b. The odd one out is a _____.

2. Circle the shapes that are in the wrong group.

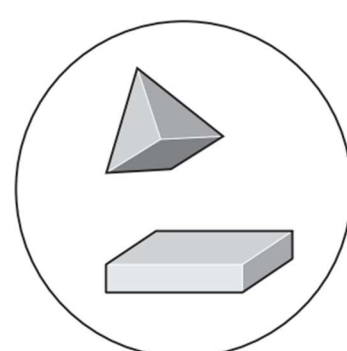
Has a curved surface



Has more than one square face



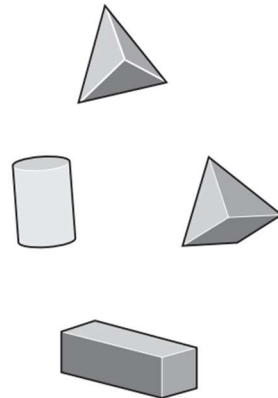
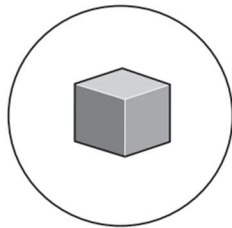
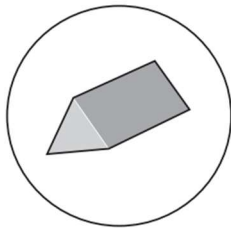
Has fewer than five vertices



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

Odd number of faces

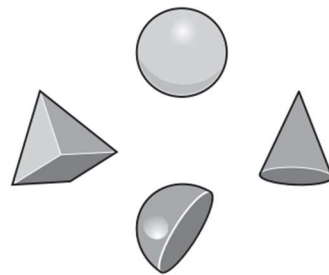
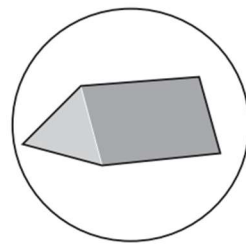
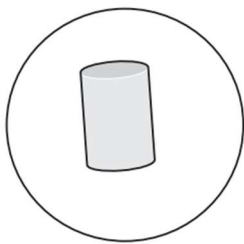
Even number of edges



4. Tick the shape that could go in both groups.

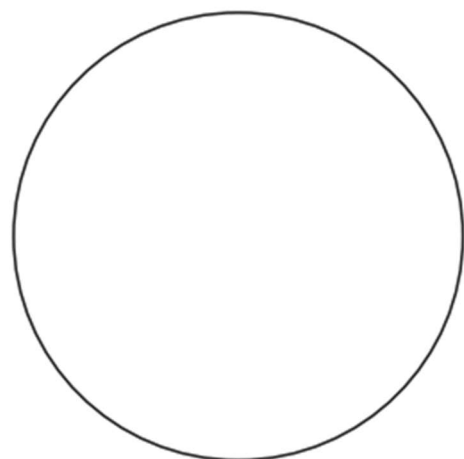
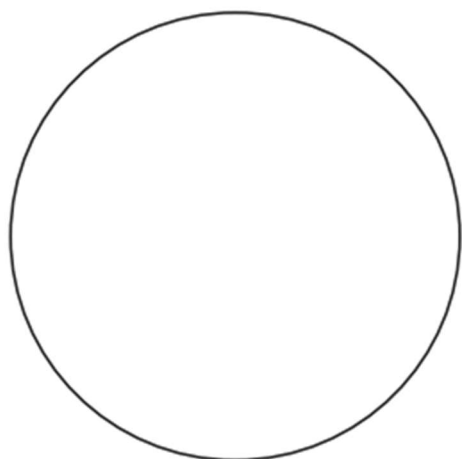
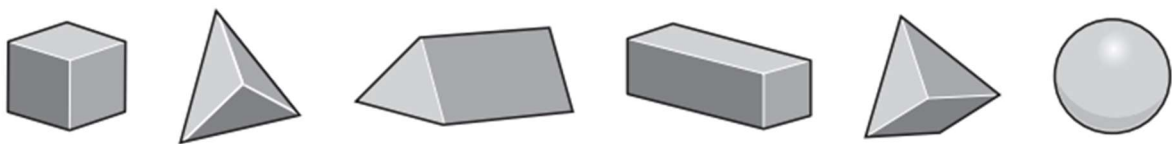
Has a curved surface

Has no circular face



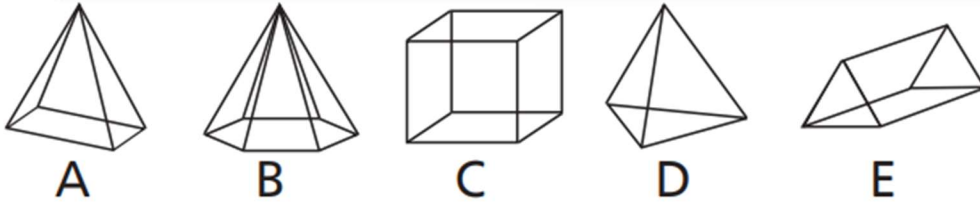
5. Choose headings to sort these shapes into two groups.

Make sure no shape is left out.





Challenge questions



Put the shapes in order by the number of edges.

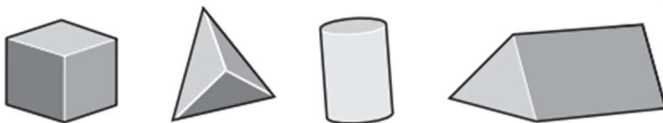
fewest edges most edges

Now put the shapes in order by the number of vertices.

fewest vertices most vertices

Reflect

Explain two different ways to sort these four shapes into two different groups.



I will sort them so there are the same number of shapes in each group.



- 1 _____
- 2 _____
- _____