



Children sort the 3D shapes they have been given into the Venn diagram. A cube and a triangular-based pyramid could go in the 'flat faces' section, a sphere in the 'curved surfaces' section, and a cone and a cylinder in the middle overlap. Children should find Anna is correct as a cone and a cylinder have both curved surfaces and flat faces.



Children could sort by:

- flat faces/curved surfaces
- number of edges
- curved/straight edges
- number of vertices
- can/cannot roll
- can/cannot stack

