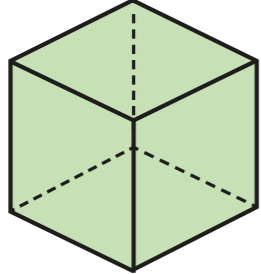
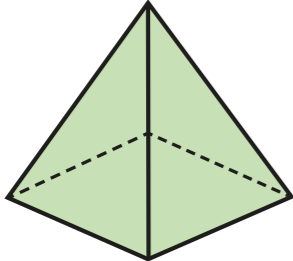
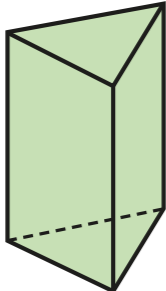


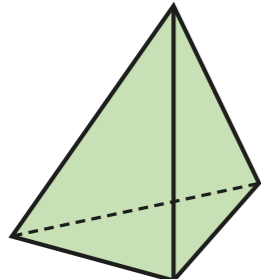
Count vertices on 3D shapes

1 How many vertices does each shape have?


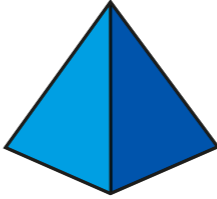
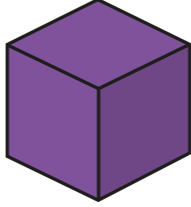

a)  vertices

b)  vertices

c)  vertices

d)  vertices

2 Complete the table.

Shape	Name	Number of vertices
	<i>cuboid</i>	<i>8</i>
	<i>pyramid</i>	<i>5</i>
	<i>cube</i>	<i>8</i>
	<i>cylinder</i>	<i>0</i>

Write the name of a different 3D shape with no vertices.

sphere

- 3 Write the shapes in order of the number of vertices.

Start with the shape that has the fewest vertices.

A B C D

fewest most

D C A B

- 4 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.

- 5 Match each shape to the correct label.

< 5 vertices

= 5 vertices

> 5 vertices