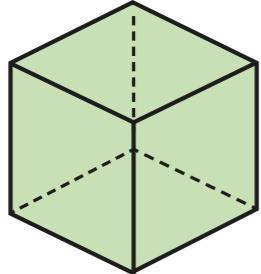# Count vertices on 3D shapes
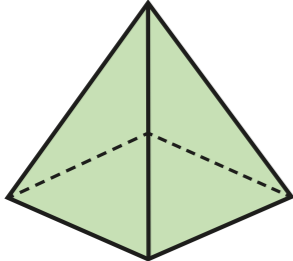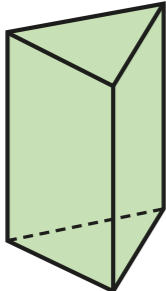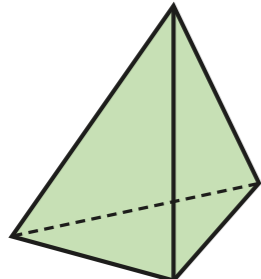
1   How many vertices does each shape have?

a)

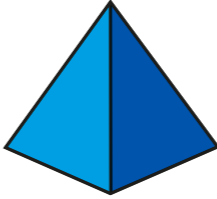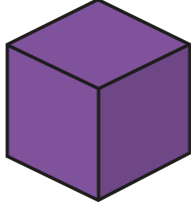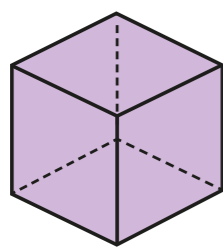 ☐ vertices

b)

 ☐ vertices

c)

 ☐ vertices

d)

 ☐ vertices

2   Complete the table.

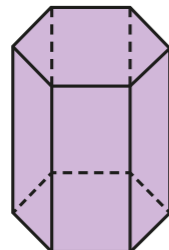| Shape	Name	Number of vertices

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

_____

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

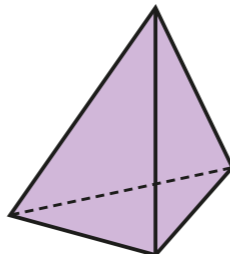Start with the shape that has the fewest vertices.
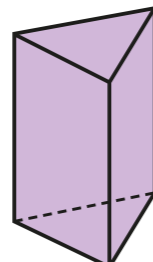
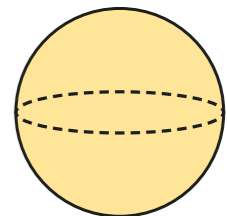A   B   C   D

(fewest)   (most)

_____ _____ _____ _____

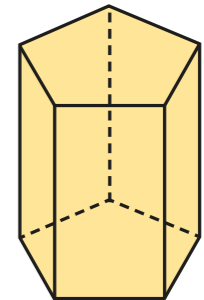**4** Complete the sentences.
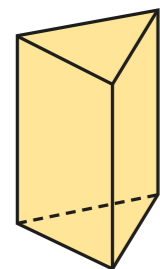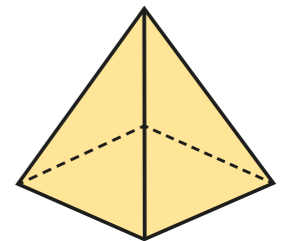
(more)   (fewer)

a) A cube has _____ vertices than a sphere.

b) A sphere has _____ vertices than a cone.

c) A triangular prism has _____ vertices than a cuboid.

5 Match each shape to the correct label.

| < 5 vertices |

| = 5 vertices |

| > 5 vertices |