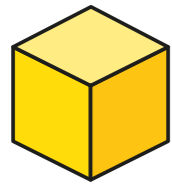
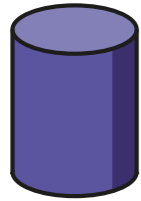


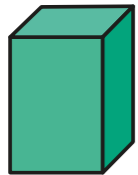
1 Match each 3-D shape to its mathematical name.



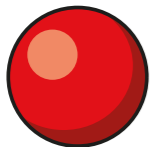
cuboid



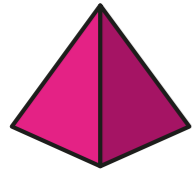
triangular prism



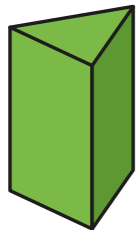
cube



pyramid

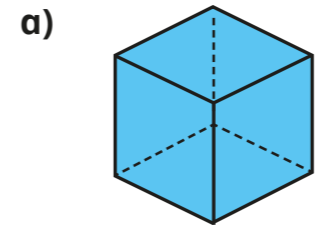


sphere

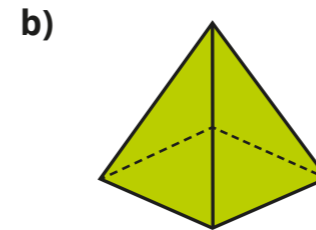


cylinder

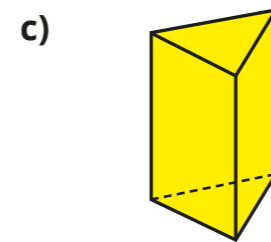
2 How many faces, edges and vertices does each shape have?



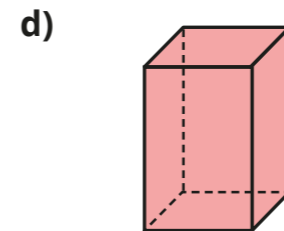
faces   
edges   
vertices



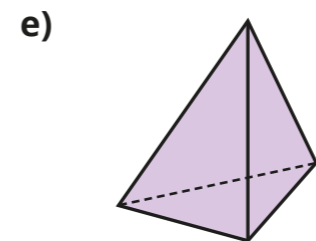
faces   
edges   
vertices



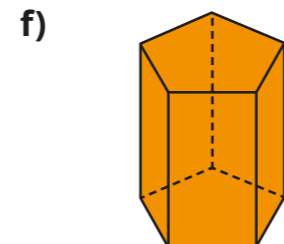
faces   
edges   
vertices



faces   
edges   
vertices



faces   
edges   
vertices



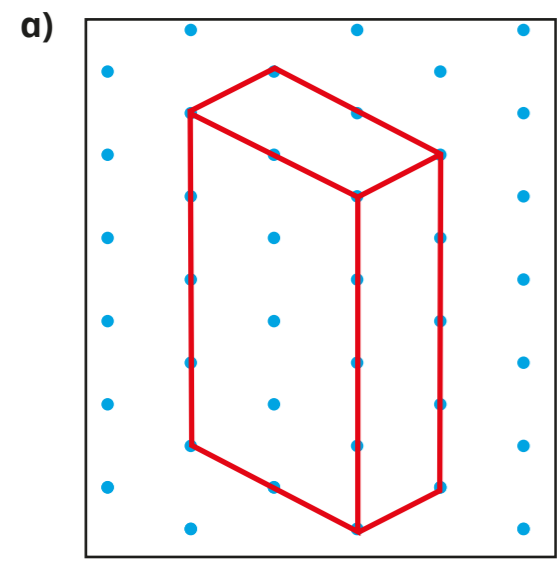
faces   
edges   
vertices

3 Complete the sentences.

- a) The faces of a \_\_\_\_\_ are all square.
- b) A square-based pyramid has  triangular faces and  square face.
- c) A \_\_\_\_\_ has 2 circular faces and a curved surface.

4 Ron has drawn some 3-D shapes on isometric paper.

What shapes has Ron drawn?  
How many faces, edges and vertices does each shape have?

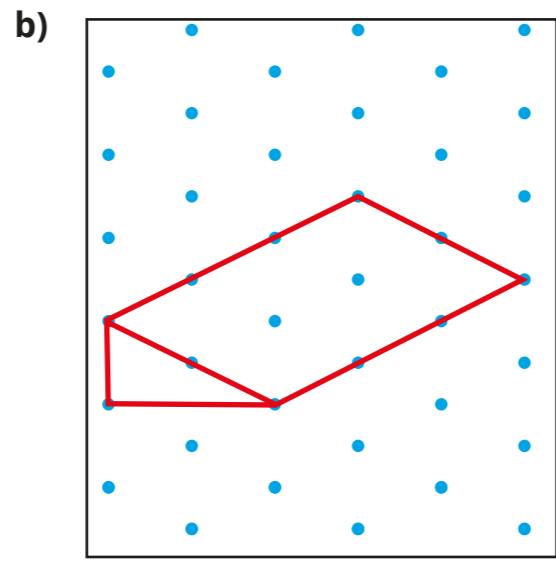


\_\_\_\_\_

faces

edges

vertices



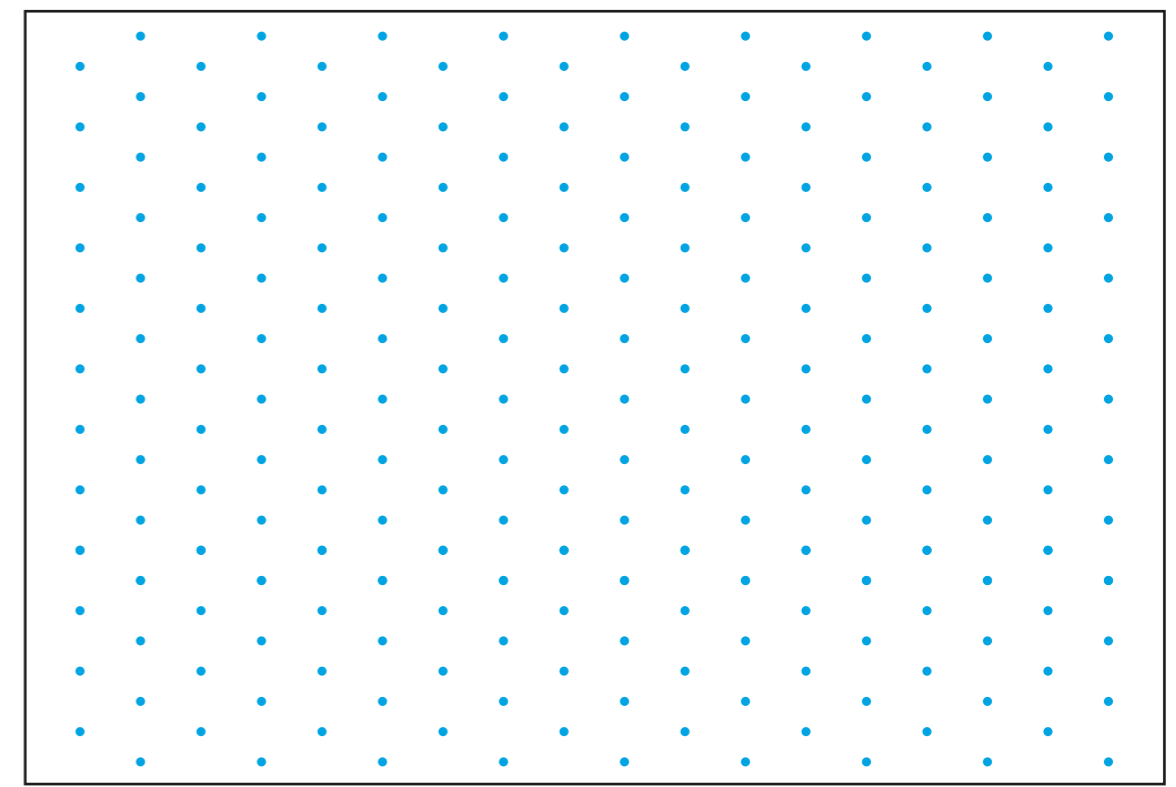
\_\_\_\_\_

faces

edges

vertices

5 Draw two different cuboids on the isometric paper.



6 Jack and Whitney are thinking of 3-D shapes.

a) My shape has two faces, a curved surface and two edges.

What shape is Jack thinking of? \_\_\_\_\_

b) My shape has no edges or vertices.

What shape is Whitney thinking of? \_\_\_\_\_

Compare answers with a partner.