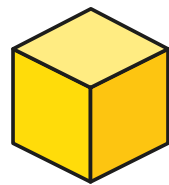
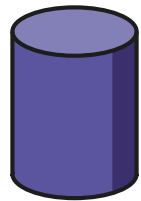


3-D shapes

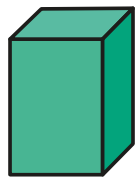
1 Match each 3-D shape to its mathematical name.



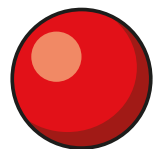
cuboid



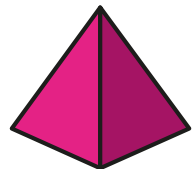
triangular prism



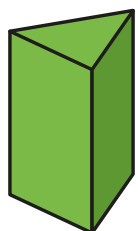
cube



pyramid



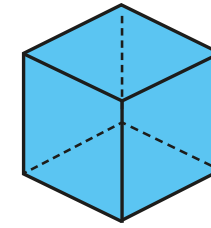
sphere



cylinder

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

a)

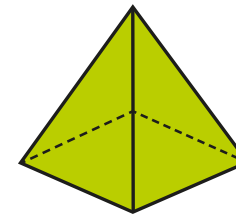


faces

edges

vertices

b)

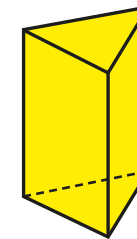


faces

edges

vertices

c)

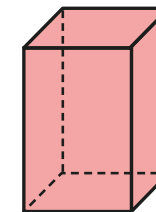


faces

edges

vertices

d)

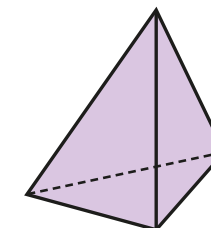


faces

edges

vertices

e)

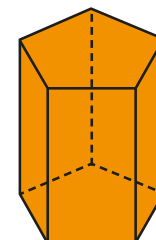


faces

edges

vertices

f)



faces

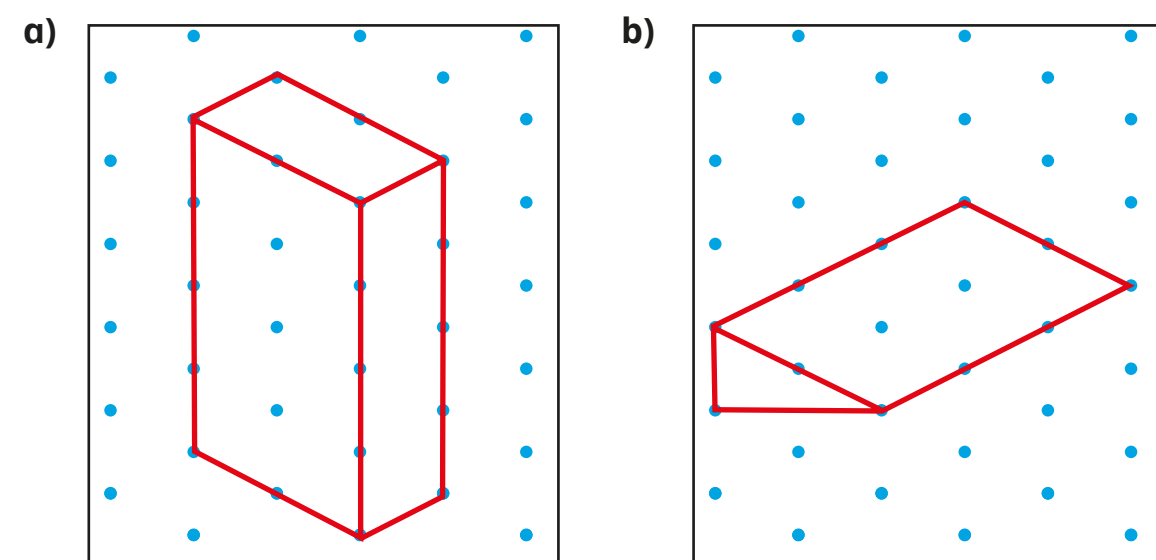
edges

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

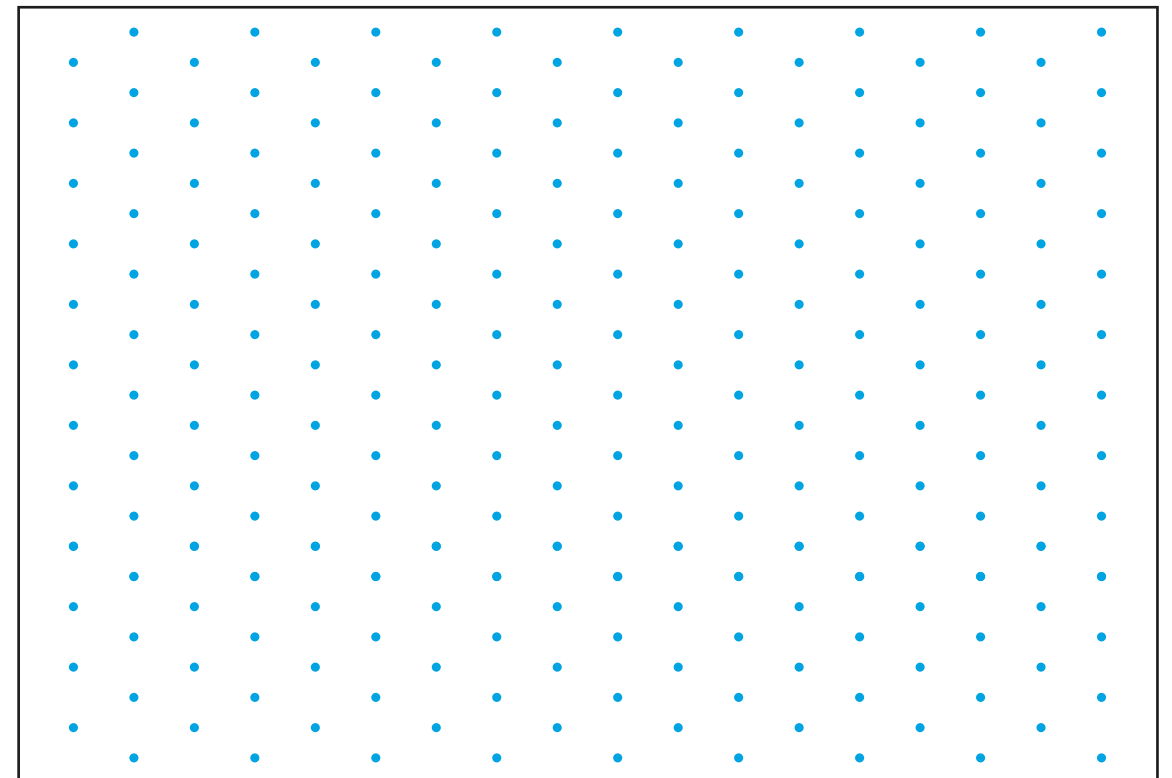
vertices

faces

edges

vertices

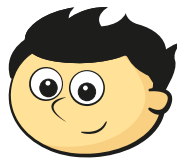
5 Draw two different cuboids on the isometric paper.



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

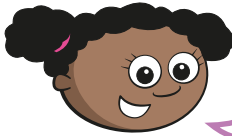
a)

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.