

3D shapes – faces, edges and vertices

ANSWER KEY

- a) A cube and a cuboid each have 6 faces, 12 edges, 8 vertices.
- b) A cylinder has faces but no vertices.
- c) A cone has one flat face, one curved face and one vertex.

Q1: a cuboid

Q2: a tetrahedron

Q3: a square-based pyramid

Q4: 15° is acute