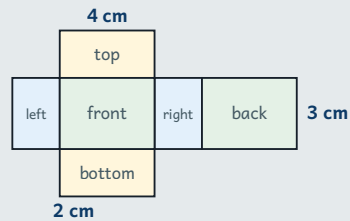


Properties and faces, edges, vertices of polyhedra

WHAT THIS LESSON TEACHES

A **polyhedron** is a solid with flat faces. Count its **faces**, **edges** and **vertices** to describe it.



→ A cube: **6 faces, 12 edges, 8 vertices.**

→ A square-based pyramid: **5 faces, 8 edges, 5 vertices.**

ANSWER KEY

W1: a cuboid

W2: a cube

Q1: a square-based pyramid

Q2: a tetrahedron

Q3: a square-based pyramid

Q4: a square-based pyramid

EXTENSION SHEET · STRETCH ANSWERS

S1: a cone

S2: a cuboid

S3: a cuboid