

# Properties of 3D shapes

Choose the name of the shape to match the properties

## Answer sheet

1. The base is a square and it has 5 faces and 8 edges. square-based pyramid
2. It has 6 faces that are rectangles. Each pair of opposite faces is identical. The length, width and height are not all equal. cuboid
3. It has 8 corners and 6 identical faces, which are all squares. cube
4. It has 1 curved surface and a circular base. It narrows to a single vertex. cone
5. It has 2 identical flat, circular ends and 1 curved face. If it could be opened out, the largest face would be a rectangle. It has no corners. cylinder
6. It has identical faces at each end, which are triangles. It has 5 faces and 6 corners. triangular prism
7. It has identical faces at each end, which are hexagons. It has 8 faces and 12 corners. hexagonal prism
8. It has 4 corners and 4 triangular faces. triangular-based pyramid

cylinder

cuboid

cone

triangular-based pyramid

square-based pyramid

hexagonal prism

cube

triangular prism