

Properties of 3D shapes

Choose the name of the shape to match the properties

Answer sheet

- The base is a square and it has 5 faces and 8 edges. square-based pyramid
- It has 6 faces that are rectangles. Each pair of opposite faces is identical. The length, width and height are not all equal. rectangular prism
- It has 8 corners and 6 identical faces, which are all squares. cube
- It has 1 curved surface and a circular base. It narrows to a single vertex. cone
- 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
- It has identical faces at each end, which are triangles. It has 5 faces and 6 corners. triangular prism
- It has identical faces at each end, which are hexagons. It has 8 faces and 12 corners. hexagonal prism
- It has 4 corners and 4 triangular faces. triangular-based pyramid

cylinder

rectangular prism

cone

triangular-based pyramid

square-based pyramid

hexagonal prism

cube

triangular prism