



Geometry: Properties of Shape - Answers

Answer Key

Section A: 2D Shapes

1. hexagon
2. All sides and all angles are equal
3. 2D: circle, triangle. 3D: cube, sphere
4. hexagon (6 sides - between pentagon's 5 and heptagon's 7)
5. 4

Section B: 3D Shapes

1. square-based pyramid or cone
2. sphere
3. 8
4. e.g. a tin can
5. Similarity: both have 6 faces. Difference: a cube's faces are all equal squares, a cuboid's are not