



Geometry: Properties of Shape - Answers

Answer Key

Section A: Shape Reasoning

1. A square always has 4 sides and 4 right angles, so it meets the definition of a rectangle - but a rectangle doesn't need all sides equal like a square does
2. 9 edges
3. A (non-square) rectangle
4. Cone and cylinder
5. A circle

Section B: Angles & Symmetry

1. A square (4 right angles vs. up to 1 for a triangle)
2. No
3. e.g. a scalene triangle
4. e.g. an isosceles triangle
5. A right angle is exactly a quarter turn, or 90 degrees - like the corner of a square.