

Box 5.10a: Questions to paragraph

Maths

- What is a polygon?
- What are the names of four polygons?
- How many sides does a triangle have?
- How many sides does a quadrilateral have?
- How many sides does a pentagon have?
- How many sides does a hexagon have?
- What is the sum of the exterior angles of a polygon?
- What do the interior and exterior angles of each vertex on a polygon add up to?
- What is the interior angle of a polygon?
- Where do the interior and exterior angles of a polygon lie?



Paragraph

A polygon is any 2D shape with straight sides. The names of some polygons are triangle, quadrilateral, pentagon and hexagon. A triangle has three sides, a quadrilateral has four sides, a pentagon has five sides and a hexagon has six sides. The sum of the exterior angles of a polygon is 360° . However, the interior and exterior angles of each vertex on a polygon add up to 180° . The interior angle of a polygon is the angle within the vertex. The interior and exterior angles lie on a straight line.

(Based on: http://www.bbc.co.uk/schools/ks3bitesize/maths/shape_space/polygons/revise1.shtml)



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