

# E3.1 Properties of Shapes

## Question Paper

Level	IGCSE
Subject	Maths (0580)
Exam Board	Cambridge International Examinations (CIE)
Level	Core
Topic	E3. Geometry
Sub-Topic	E3.1 Properties of Shapes
Booklet	Question Paper

**Time Allowed:** 4 minutes

**Score:** /3

**Percentage:** /100

**Grade Boundaries:**

A*	A	B	C	D	E	U
>85%	75%	60%	45%	35%	25%	<25%

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- 1 A quadrilateral has rotational symmetry of order 2 and no lines of symmetry.

Write down the mathematical name of this quadrilateral.

..... [1]

2

<b>equilateral triangle</b>	<b>square</b>
<b>regular pentagon</b>	<b>parallelogram</b>
<b>regular hexagon</b>	<b>circle</b>

From the list write down

- (a) the shape which has more than 6 lines of symmetry,

*Answer(a)* ..... [1]

- (b) the shape which has both acute and obtuse interior angles.

*Answer(b)* ..... [1]

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