
GCSE Mathematics

Properties of 2D Shapes

Mark Scheme - Foundation | Grades 1-3

M = method mark, A = accuracy mark (dependent on the preceding M mark), B = independent mark.

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Edexcel-style questions

Q1 Grade 1 Edexcel style**Total: 1**

Part	Mark scheme	Marks
(a)	equilateral (all three sides are equal)	B1

Q2 Grade 1 Edexcel style**Total: 1**

Part	Mark scheme	Marks
(a)	square	B1

Q3 Grade 2 Edexcel style**Total: 2**

Part	Mark scheme	Marks
(a)	opposite sides are equal and parallel	B1
(a)	opposite angles are equal	B1

Q4 Grade 2 Edexcel style**Total: 1**

Part	Mark scheme	Marks
(a)	heptagon	B1

Q5 Grade 3 Edexcel style**Total: 1**

Part	Mark scheme	Marks
(a)	rhombus	B1

AQA-style questions**Q6** Grade 1 AQA style**Total: 1**

Part	Mark scheme	Marks
(a)	isosceles (two sides are equal)	B1

Q7 Grade 2 AQA style**Total: 1**

Part	Mark scheme	Marks
(a)	rectangle	B1

Q8 Grade 2 AQA style**Total: 1**

Part	Mark scheme	Marks
(a)	2	B1

Q9 Grade 2 AQA style**Total: 1**

Part	Mark scheme	Marks
(a)	8	B1

Q10 Grade 3 AQA style**Total: 2**

Part	Mark scheme	Marks
(a)	kite	B1
(a)	1 line of symmetry	B1

OCR-style questions**Q11** Grade 2 OCR style**Total: 1**

Part	Mark scheme	Marks
(a)	right-angled (it has a right angle)	B1

Q12 Grade 2 OCR style**Total: 1**

Part	Mark scheme	Marks
(a)	rhombus	B1

Q13 Grade 2 OCR style**Total: 1**

Part	Mark scheme	Marks
(a)	2	B1

Q14 Grade 3 OCR style**Total: 1**

Part	Mark scheme	Marks
(a)	6	B1

Q15 Grade 3 OCR style**Total: 2**

Part	Mark scheme	Marks
(a)	octagon	B1
(a)	order 8	B1

Teachably-style questions

Q16 Grade 2 Teachably style

Total: 1

Part	Mark scheme	Marks
(a)	scalene (all three sides are different lengths)	B1

Q17 Grade 2 Teachably style

Total: 1

Part	Mark scheme	Marks
(a)	trapezium	B1

Q18 Grade 3 Teachably style

Total: 2

Part	Mark scheme	Marks
(a)	two pairs of adjacent sides are equal	B1
(a)	it has one line of symmetry	B1

Q19 Grade 3 Teachably style

Total: 2

Part	Mark scheme	Marks
(a)	irregular	B1
(a)	not all of its sides and angles are equal	B1

Q20 Grade 3 Teachably style

Total: 2

Part	Mark scheme	Marks
(a)	no, the student is not correct	B1
(a)	a rhombus has four equal sides, but its angles are not necessarily 90°; a square must have four right angles	B1

END OF PAPER

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