
GCSE Mathematics

Perimeter & Area

Mark Scheme - Foundation | Grades 2-4

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

© Teachably. This resource may not be copied or distributed without permission.

Edexcel-style questions

Q1 Grade 2 Edexcel style

Total: 2

Part	Mark scheme	Marks
(a)	$2 \times (8 + 5)$	M1
(a)	26 cm	A1

Q2 Grade 3 Edexcel style

Total: 2

Part	Mark scheme	Marks
(a)	$7 + 9 + 5$	M1
(a)	21 cm	A1

Q3 Grade 3 Edexcel style

Total: 2

Part	Mark scheme	Marks
(a)	8×5	M1
(a)	40 cm^2	A1

Q4 Grade 3 Edexcel style

Total: 2

Part	Mark scheme	Marks
(a)	$\frac{1}{2} \times 8 \times 5$	M1
(a)	20 cm^2	A1

Q5 Grade 4 Edexcel style

Total: 3

Part	Mark scheme	Marks
(a)	$2 \times (9 + w) = 30$	M1
(a)	$9 + w = 15$	M1
(a)	$w = 6 \text{ cm}$	A1

AQA-style questions

Q6 Grade 2 AQA style

Total: 2

Part	Mark scheme	Marks
(a)	4×6	M1
(a)	24 cm	A1

Q7 Grade 3 AQA style

Total: 2

Part	Mark scheme	Marks
(a)	$4 + 6 + 5 + 3 + 7$	M1
(a)	25 cm	A1

Q8 Grade 3 AQA style

Total: 2

Part	Mark scheme	Marks
(a)	7×7	M1
(a)	49 cm^2	A1

Q9 Grade 4 AQA style

Total: 2

Part	Mark scheme	Marks
(a)	$\frac{1}{2} \times 10 \times 6$	M1
(a)	30 cm^2	A1

Q10 Grade 4 AQA style

Total: 2

Part	Mark scheme	Marks
(a)	$48 \div 6$	M1
(a)	length = 8 cm	A1

OCR-style questions

Q11 Grade 2 OCR style

Total: 2

Part	Mark scheme	Marks
(a)	$2 \times (10 + 3)$	M1
(a)	26 cm	A1

Q12 Grade 3 OCR style

Total: 2

Part	Mark scheme	Marks
(a)	$3 + 4 + 3 + 4 + 3 + 4$	M1
(a)	21 cm	A1

Q13 Grade 3 OCR style

Total: 2

Part	Mark scheme	Marks
(a)	12×4	M1
(a)	48 cm^2	A1

Q14 Grade 4 OCR style

Total: 2

Part	Mark scheme	Marks
(a)	9×4	M1
(a)	36 cm^2	A1

Q15 Grade 4 OCR style

Total: 3

Part	Mark scheme	Marks
(a)	area of A = $6 \times 8 = 48 \text{ cm}^2$	M1
(a)	area of B = $5 \times 10 = 50 \text{ cm}^2$	M1
(a)	rectangle B is larger, by 2 cm^2	A1

Teachably-style questions

Q16 Grade 2 Teachably style

Total: 2

Part	Mark scheme	Marks
(a)	$2 \times (7 + 4)$	M1
(a)	22 cm	A1

Q17 Grade 3 Teachably style

Total: 2

Part	Mark scheme	Marks
(a)	$3 + 4 + 5$	M1
(a)	12 cm	A1

Q18 Grade 3 Teachably style

Total: 2

Part	Mark scheme	Marks
(a)	6×9	M1
(a)	54 cm^2	A1

Q19 Grade 4 Teachably style

Total: 2

Part	Mark scheme	Marks
(a)	7×5	M1
(a)	35 cm^2	A1

Q20 Grade 4 Teachably style

Total: 3

Part	Mark scheme	Marks
(a)	side length = $\sqrt{36} = 6 \text{ cm}$	M1
(a)	perimeter = 4×6	M1
(a)	24 cm	A1

END OF PAPER

Want help from an expert maths tutor?

Book a free GCSE Maths consultation with our team at Teachably. Visit teachably.co.uk/book-call to get started.