

Mini test answers

Pearson Edexcel GCSE Mathematics 1MA1 • L020

8 marks • Teacher use only • Lesson resources

REACH FOR THE STAR | GCSE MATHEMATICS

B = independent mark; M = method; A = accuracy dependent on the associated method. Accept equivalent exact values and valid alternative methods. If working or an explanation is requested, do not infer it from the answer alone. Otherwise a correct numerical answer earns the numerical method marks. Follow-through only where stated; no credit for repeating the same component.

M1 [1]

$3n+2$ B1.

M2 [1]

$n=6$ B1.

M3 [1]

$n+1$ B1.

M4 [2]

$2n+1=19$ M1; 9 and 10 A1 both.

M5 [3]

$4x+4=28$ M1; 6 cm and 8 cm A1; $2(6+8)=28$ B1.

Feedback, assessment balance and sources

Reteach and reassess

If a fixed fee is multiplied by the number of items, compare one item with two. If perimeter is confused with area, trace all sides. Recheck $3n+2=17$ as five items, not £5.

Use fresh questions after a delay. Record support used and the next independent check; a high immediate score alone is not mastery.

AO1 3 + AO2 0 + AO3 5 = 8 marks. Item AO judgements are local and require teacher review. This targeted set does not reproduce whole-paper weightings.

Selected content: A17 A21. Specification Issue 2 and sample assessment general marking conventions. Original questions; no past-paper questions reproduced.

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