

Mini test answers

Pearson Edexcel GCSE Mathematics 1MA1 • L022

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]

$\leq$ B1.

M2 [1]

$x < 5$ B1.

M3 [1]

5 B1.

M4 [2]

$3x \leq 12$ M1; $x \leq 4$ A1.

M5 [3]

$4 + 2n \leq 15$ B1; $n \leq 5.5$ B1; maximum 5 items B1.

Feedback, assessment balance and sources

Reteach and reassess

If only the boundary is reported, ask for two solutions. If $\leq$ is drawn open, test the endpoint. If negative division is missed, compare -2 and -5 . Recheck $-2x < 6$ as $x > -3$.

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

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

Selected content: A3 A22. Specification Issue 2 and sample assessment general marking conventions. Original questions; no past-paper questions reproduced.

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