

Mini test answers

Pearson Edexcel GCSE Mathematics 1MA1 • L023

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]

15 B1.

M2 [1]

18 B1.

M3 [1]

24 B1 assuming doubling.

M4 [2]

5n-1 B1; difference 5 and adjustment -1 B1.

M5 [3]

33 B1; $n=37/4$ M1; no integer position A1.

Feedback, assessment balance and sources

Reteach and reassess

If the first term is used as the coefficient, compare several differences. If n starts at zero, restate the position convention. If a quadratic pattern is treated as linear, compare differences. Recheck 4,7,10 as $3n+1$.

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

AO1 4 + AO2 1 + AO3 3 = 8 marks. Item AO judgements are local and require teacher review. This targeted set does not reproduce whole-paper weightings.

Selected content: A23 A24 A25. Specification Issue 2 and sample assessment general marking conventions. Original questions; no past-paper questions reproduced.

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