

Examination practice solutions

Pearson Edexcel GCSE Mathematics 1MA1 • L004

10 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.

E1 [2]

-8 B1; 21 B1.

E2 [3]

$3 \times 6 = 18$ M1; $-9 + 18 = 9$ M1; $9 - 14 = -5$ A1.

E3 [2]

62 B1; $62 \div 100 = 0.62$ B1.

E4 [3]

15 and 11 have a similar scale, so a rough estimate may not distinguish them B1; $2 \times 4 = 8$ M1; $3 + 8 = 11$ A1.

Feedback, assessment balance and sources

Reteach and reassess

Use R1–R3 to select one priority: R1 signed operations → inverse frame; R2 order → annotate first operation; R3 scale → place-value chart. D1–D3 teach the repairs, then A1–A3 remove prompts. M1–M5 after a delay diagnose retention. Do not set entry tier from this short check. Wider screen findings lead to prerequisite support before the relevant later unit.

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 3 + AO3 3 = 10 marks. Item AO judgements are local and require teacher review. This targeted set does not reproduce whole-paper weightings.

Selected content: N1 N2 N3 N14 N15. Specification Issue 2 and sample assessment general marking conventions. Original questions; no past-paper questions reproduced.

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