

Mini test answers

Pearson Edexcel GCSE Mathematics 1MA1 • L024

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]

-5 B1.

M2 [1]

7/20 B1.

M3 [1]

3x-6 B1.

M4 [2]

4x=16 M1; x=4 A1.

M5 [3]

72÷0.8 M1; £90 A1; 90×0.8=72 B1.

Feedback, assessment balance and sources

Reteach and reassess

Fraction error: rebuild common units. Ratio error: label total versus difference. Algebra error: mark operations on both sides. Inequality error: test an inside and outside value. Recheck with fresh numbers after one day and one week.

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: N2 N8 R5 R9 A2 A4 A17 A22 A25. Specification Issue 2 and sample assessment general marking conventions. Original questions; no past-paper questions reproduced.

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