

Mini test answers

Pearson Edexcel GCSE Mathematics 1MA1 • L012

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]

8 B1.

M3 [1]

$\frac{3}{8}$ B1.

M4 [2]

$\frac{8}{12} + \frac{3}{12}$ M1; $\frac{11}{12}$ A1.

M5 [3]

£9 reduction B1; £51 final B1; final is original minus reduction B1.

Feedback, assessment balance and sources

Reteach and reassess

Fraction-unit error: rebuild twelfths. Percentage-base error: label final as 80% and original as 100%. Scaling error: write the decimal operator. Reteach only the selected priority, then reassess $\frac{1}{3} + \frac{1}{4} = \frac{7}{12}$ or £48 after 20% off gives original £60.

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

AO1 6 + AO2 1 + AO3 1 = 8 marks. Item AO judgements are local and require teacher review. This targeted set does not reproduce whole-paper weightings.

Selected content: N2 N4 N8 N10 N12 R9. Specification Issue 2 and sample assessment general marking conventions. Original questions; no past-paper questions reproduced.

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