Mini test answers

Pearson Edexcel GCSE Mathematics 1MA1 • L017
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]
16 B1.

M3 [1]
Expression B1.

M4 [2]
3×(−2)−2×5 M1; −16 A1.

M5 [3]
£18 B1; fixed £6 B1; £3 per item so £12 variable cost B1.

Feedback, assessment balance and sources

Reteach and reassess

If 3x is read as 3+x, use three equal groups. If a negative square is negative, write both factors. Recheck x=−3 in 2x+5 and x^2: −1 and 9.

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 1 + AO3 2 = 8 marks. Item AO judgements are local and require teacher review. This targeted set does not reproduce whole-paper weightings.

Selected content: A1 A2 A3. Specification Issue 2 and sample assessment general marking conventions. Original questions; no past-paper questions reproduced.

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