

Mini test answers

Pearson Edexcel GCSE Mathematics 1MA1 • L028

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]

Compasses B1.

M2 [1]

25° B1.

M3 [1]

90° B1.

M4 [2]

Circle centre P B1; radius 2 cm B1.

M5 [3]

Two radius-5 circles at A,B B1; choose intersections B1; two B1.

Feedback, assessment balance and sources

Reteach and reassess

If a midpoint is guessed, demand two pairs of arcs. If distance to a line is slanted, compare it with a perpendicular. If a circle is shaded for exactly 3 cm, distinguish boundary from region. Recheck with the practical sheet.

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: G1 G2 G15. Specification Issue 2 and sample assessment general marking conventions. Original questions; no past-paper questions reproduced.

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