

Mini test answers

Pearson Edexcel GCSE Mathematics 1MA1 • L029

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]

(4,6) B1.

M2 [1]

(3,1) B1.

M3 [1]

(-2,-5) B1.

M4 [2]

(-2,3) B1; both four units from mirror B1.

M5 [3]

Translation B1; vector (3,-2) B1; all corresponding vertices same displacement B1.

Feedback, assessment balance and sources

Reteach and reassess

If coordinates swap accidentally, read x then y. If reflection across $x=1$ is treated as $x=0$, count perpendicular distances. For rotation, use tracing paper and label the centre before turning.

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

$AO1\ 3 + AO2\ 3 + AO3\ 2 = 8$ marks. Item AO judgements are local and require teacher review. This targeted set does not reproduce whole-paper weightings.

Selected content: A8 G7 G11 G24. Specification Issue 2 and sample assessment general marking conventions. Original questions; no past-paper questions reproduced.

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