Examination practice solutions

Pearson Edexcel GCSE Mathematics 1MA1 • L031
10 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.

E1 [2]

180° B1; 260° B1.

E2 [3]

900000 cm B1; 900000÷50000 M1; 18 cm A1.

E3 [2]

Bearing measured from north B1; at specified start, not destination B1.

E4 [3]

10 km B1; 295° B1; north-west B1.

Feedback, assessment balance and sources

Reteach and reassess

If a protractor starts at east, mark north before measuring. If reverse bearing is 360−b, use a north-east route and draw its south-west return. If 1:50 000 is read as metres, label both scale lengths in centimetres.

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

AO1 2 + AO2 3 + AO3 5 = 10 marks. Item AO judgements are local and require teacher review. This targeted set does not reproduce whole-paper weightings.

Selected content: G15 R1 R2. Specification Issue 2 and sample assessment general marking conventions. Original questions; no past-paper questions reproduced.

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