

Mini test answers

Pearson Edexcel GCSE Mathematics 1MA1 • L031

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]

270° B1.

M2 [1]

220° B1.

M3 [1]

12 km B1.

M4 [2]

120000 cm M1; 1.2 km A1.

M5 [3]

South-east B1; 310° B1; opposite direction differs by 180° 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 5 + AO2 2 + AO3 1 = 8 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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