

Mini test answers

Pearson Edexcel GCSE Mathematics 1MA1 • L014

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]

240 cm B1.

M2 [1]

6 m B1.

M3 [1]

40 g B1.

M4 [2]

$300 \times \frac{8}{5}$ M1; 480 g A1.

M5 [3]

20 m B1; 15 m B1; 70 m B1.

Feedback, assessment balance and sources

Reteach and reassess

If learners add the change in people to grams, test the constant ratio. If 1:500 is read as 1 cm to 500 m, convert units explicitly. If printing changes a diagram, use stated lengths rather than a ruler. Recheck 2 cm at 1:400 is 8 m.

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

Selected content: R1 R2 R6 R7 R8 R10. Specification Issue 2 and sample assessment general marking conventions. Original questions; no past-paper questions reproduced.

<https://qualifications.pearson.com/content/dam/pdf/GCSE/mathematics/2015/specification-and-sample-assessment/gcse-maths-2015-specification.pdf>

<https://qualifications.pearson.com/content/dam/pdf/GCSE/mathematics/2015/specification-and-sample-assessment/GCSE-Mathematics-2015-SAM.pdf>