

Examination practice solutions

Pearson Edexcel GCSE Mathematics 1MA1 • L014

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]

8 m B1; 5 cm B1.

E2 [3]

75 g per person M1; $600 \div 75$ M1; 8 people A1.

E3 [2]

No B1; fixed £5 means not zero at zero hours, or correct failed doubling test B1.

E4 [3]

12 m=1200 cm B1; 3:1200 M1; 1:400 A1.

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 3 + AO2 4 + AO3 3 = 10 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.

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