

# Original examination style practice

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Pearson Edexcel GCSE Mathematics 1MA1 • L014

10 marks • 12 minutes • Non-calculator • Lesson resources

REACH FOR THE STAR | GCSE MATHEMATICS

Original Reach for the Star questions; not official or endorsed Pearson materials. Shared Foundation/Higher content. This is targeted practice, not a balanced mock paper or grade prediction.

**E1 At scale 1:400 find (a) real metres for 2 cm (b) drawing cm for 20 m. [2]**

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**E2 A recipe for 6 people uses 450 g flour. You have 600 g. How many people can the same recipe serve? Show working. [3]**

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## Reasoning and application

**E3** A hire cost is £5 plus £2 per hour. Is it directly proportional to hours? Give a reason. [2]

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**E4** A line for a 12 m path is 3 cm on a plan. Find the scale as 1:n and explain the unit conversion. [3]

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Check working and units. Teacher feedback follows separately.