

# Original examination style practice

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Pearson Edexcel GCSE Mathematics 1MA1 • L021

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 Rearrange (a)  $y=x-6$  for  $x$  (b)  $P=3q$  for  $q$ . [2]**

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**E2  $A=bh/2$ . Make  $b$  the subject for  $h \neq 0$ , then find  $b$  for  $A=24, h=6$ . [3]**

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## Reasoning and application

**E3** Explain why  $y-6/2$  is not the correct rearrangement of  $y=2x+6$ . Give the correct form. [2]

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**E4** A cost is  $C=7+4n$ . Rearrange for  $n$  and find  $n$  for  $C=39$ . [3]

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Check working and units. Teacher feedback follows separately.