

# Examination practice solutions

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Pearson Edexcel GCSE Mathematics 1MA1 • L021

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]

$x=y+6$  B1;  $q=P/3$  B1.

## E2 [3]

$2A=bh$  M1;  $b=2A/h$  A1;  $b=8$  B1.

## E3 [2]

Whole  $y-6$  must be divided by 2 B1;  $x=(y-6)/2$  B1.

## E4 [3]

$C-7=4n$  M1;  $n=(C-7)/4$  A1;  $n=8$  B1.

## Feedback, assessment balance and sources

### Reteach and reassess

If brackets are omitted, compare  $(y-4)/3$  with  $y-4/3$  at  $y=10$ . If the same letter is on both sides, use the separate Higher route after common-factor work. Recheck  $y=2x+6$  as  $x=(y-6)/2$ .

Use fresh questions after a delay. Record support used and the next independent check; a high immediate score alone is not mastery.

AO1 4 + AO2 2 + AO3 4 = 10 marks. Item AO judgements are local and require teacher review. This targeted set does not reproduce whole-paper weightings.

Selected content: A2 A5. Specification Issue 2 and sample assessment general marking conventions. Original questions; no past-paper questions reproduced.

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