

Examination practice solutions

Pearson Edexcel GCSE Mathematics 1MA1 • L019

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]

-5 B1; 7 B1.

E2 [3]

$2x+9=25$ B1; $2x=16$ M1; $x=8$ A1.

E3 [2]

Same subtraction needed on both sides B1; $2x=8$ B1.

E4 [3]

$3x+6=2x+11$ M1; $x=5$ A1; both sides 21 B1.

Feedback, assessment balance and sources

Reteach and reassess

If learners change only one side, annotate the same operation on both sides. If $3(x+2)$ is expanded incorrectly, revisit L018. Recheck $2x+5=13$ and $5x-2=3x+6$.

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 3 + AO3 3 = 10 marks. Item AO judgements are local and require teacher review. This targeted set does not reproduce whole-paper weightings.

Selected content: A17. Specification Issue 2 and sample assessment general marking conventions. Original questions; no past-paper questions reproduced.

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