

Mini test answers

Pearson Edexcel GCSE Mathematics 1MA1 • L025

8 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.

M1 [1]

360° B1.

M2 [1]

141° B1.

M3 [1]

128° B1.

M4 [2]

$5x+2=77$ M1; $x=15$ A1.

M5 [3]

Total 180° because co-interior on parallels B1; $3x=180$ M1; 60° and 120° A1 both.

Feedback, assessment balance and sources

Reteach and reassess

If every angle is copied, contrast an alternate pair with a co-interior pair. If parallelism is assumed, remove the arrows and ask what remains known. Recheck a 68° angle with its supplement, 112° .

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

AO1 5 + AO2 2 + AO3 1 = 8 marks. Item AO judgements are local and require teacher review. This targeted set does not reproduce whole-paper weightings.

Selected content: G1 G3. Specification Issue 2 and sample assessment general marking conventions. Original questions; no past-paper questions reproduced.

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