

Mini test answers

Pearson Edexcel GCSE Mathematics 1MA1 • L026

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]

60° B1.

M2 [1]

360° B1.

M3 [1]

45° B1.

M4 [2]

540÷5 or 180-72 M1; 108° A1.

M5 [3]

20° B1; 360÷20=18 B1; full turn is 360° B1.

Feedback, assessment balance and sources

Reteach and reassess

If 360° is used for every interior sum, split a pentagon into triangles. If every polygon angle is assumed equal, contrast an irregular quadrilateral. Recheck a regular octagon: exterior 45° , interior 135° .

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 G4. Specification Issue 2 and sample assessment general marking conventions. Original questions; no past-paper questions reproduced.

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