

Mini test answers

Pearson Edexcel GCSE Mathematics 1MA1 • L010

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]

14 B1.

M2 [1]

27 B1.

M3 [1]

24 B1.

M4 [2]

28 litres B1; $(\frac{3}{4}) \times 28 = 21$ B1.

M5 [3]

24 adults M1; quarter of 24 M1; 6 A1.

Feedback, assessment balance and sources

Reteach and reassess

If 20% is treated as 20, show $20/100=0.2$. If the given part is treated as the whole, draw equal parts and label what is known. Recheck $3/4$ of $28=21$ and a whole with $2/5$ equal to 18 is 45.

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 1 + AO3 3 = 8 marks. Item AO judgements are local and require teacher review. This targeted set does not reproduce whole-paper weightings.

Selected content: N11 N12 R3 R9. Specification Issue 2 and sample assessment general marking conventions. Original questions; no past-paper questions reproduced.

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