

Mini test answers

Pearson Edexcel GCSE Mathematics 1MA1 • L016

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]

3:4 B1.

M2 [1]

2/9 B1.

M3 [1]

21 B1.

M4 [2]

$45 \div 5 = 9$ M1; 18 and 27 A1 both.

M5 [3]

$21 \div 3 = 7$ M1; 14 and 35 A1 both; $35 - 14 = 21$ B1.

Feedback, assessment balance and sources

Reteach and reassess

If total and difference are confused, draw five equal boxes for 2:3 and mark the extra box. If additive scaling is used, compare ratios. Recheck $A:B=3:5$ with total 40, then difference 10.

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

Selected content: R4 R5 R7 R10. Specification Issue 2 and sample assessment general marking conventions. Original questions; no past-paper questions reproduced.

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