

Original examination style practice

Pearson Edexcel GCSE Mathematics 1MA1 • L027

10 marks • 12 minutes • Non-calculator • Lesson resources

REACH FOR THE STAR | GCSE MATHEMATICS

Original Reach for the Star questions; not official or endorsed Pearson materials. Shared Foundation/Higher content. This is targeted practice, not a balanced mock paper or grade prediction.

E1 Name the test: (a) three matching sides (b) right angle, hypotenuse and matching leg. [2]

E2 In parallelogram ABCD, prove triangles ABC and CDA congruent using diagonal AC. [3]

Reasoning and application

E3 Why is a non-included equal angle insufficient to claim SAS? [2]

E4 $AB=AD$, $BC=DC$. Explain why AC bisects angle BAD . [3]

Check working and units. Teacher feedback follows separately.