

Original examination style practice

Pearson Edexcel GCSE Mathematics 1MA1 • L028

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 State (a) each angle after bisecting 86° (b) midpoint distance on a 12 cm segment. [2]

E2 Explain a ruler-and-compass construction of the perpendicular bisector of AB. [3]

Reasoning and application

E3 Why are points exactly 2 cm from a line on both sides of it? [2]

E4 A point is no more than 4 cm from O and equidistant from A and B. Describe both loci and how to combine them. [3]

Check working and units. Teacher feedback follows separately.