

Original examination style practice

Pearson Edexcel GCSE Mathematics 1MA1 • L032

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 Find (a) third angle after $36^\circ, 84^\circ$ (b) reverse bearing 025° . [2]

E2 Enlarge $(2,1), (4,1), (2,3)$ by $k=1/2$ about $(1,1)$. Give image vertices. [3]

Reasoning and application

E3 A locus exactly 4 cm from O is drawn as a filled disc. Explain and correct the error. [2]

E4 Parallel co-interior angles are $(x+20)^\circ$ and $(2x+10)^\circ$. Find x and angles and check. [3]

Check working and units. Teacher feedback follows separately.