

Original examination style practice

Pearson Edexcel GCSE Mathematics 1MA1 • L025

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) the supplement of 68° (b) the angle opposite 52° at intersecting lines. [2]

E2 Two parallel rails meet a transversal at an acute angle of 58° . Find an obtuse angle at the other crossing and give two angle facts. [3]

Reasoning and application

E3 Does a sketch without parallel markings justify equal alternate angles? Explain. [2]

E4 Co-interior angles on parallels are $(3x+5)^\circ$ and $(2x+25)^\circ$. Find x and both angles. [3]

Check working and units. Teacher feedback follows separately.