

Original examination style practice

Pearson Edexcel GCSE Mathematics 1MA1 • L019

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 Solve (a) $x+8=3$ (b) $5x=35$. [2]

E2 A number doubled then increased by 9 gives 25. Form and solve an equation. [3]

Reasoning and application

E3 Explain why subtracting 3 from only the left side of $2x+3=11$ does not preserve equality. State a correct first step. [2]

E4 Solve $3(x+2)=2x+11$. Show expansion and check the solution. [3]

Check working and units. Teacher feedback follows separately.