

Original examination style practice

Pearson Edexcel GCSE Mathematics 1MA1 • L018

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 Simplify (a) $4a+3a$ (b) $5x+2-x+6$. [2]

E2 A triangle has sides $x+2$, $x+3$ and $2x$ cm. Form its perimeter and find it for $x=4$. [3]

Reasoning and application

E3 Explain why $2(x+3)$ and $2x+3$ are not equivalent, using expansion and a numerical check. [2]

E4 Factorise $9x-12$ fully, expand to check, and evaluate it at $x=2$. [3]

Check working and units. Teacher feedback follows separately.