

Original examination style practice

Pearson Edexcel GCSE Mathematics 1MA1 • L008

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 Calculate (a) $2/5 + 1/10$ (b) $(3/4) \div (3/8)$. [2]

E2 A tank holds 20 litres when full. It is $3/5$ full. One quarter of the water in it is used. Find the amount left. [3]

Reasoning and application

E3 Give a counterexample to “dividing a positive number always makes it smaller”. Explain. [2]

E4 A café offers two breads and two fillings, with every pairing allowed. List the four sandwiches systematically and explain completeness. [3]

Check working and units. Teacher feedback follows separately.