

Formative mini test

Pearson Edexcel GCSE Mathematics 1MA1 • L029

8 marks • 10 minutes • Non-calculator • Lesson resources

REACH FOR THE STAR | GCSE MATHEMATICS

Original Reach for the Star questions; not official or endorsed Pearson materials. Use after a delay as a classroom diagnostic.

M1 Translate (1,2) by (3,4). [1]

M2 Reflect (3,-1) in the x-axis. [1]

M3 Rotate (2,5) by 180° about origin. [1]

M4 Reflect (6,3) in $x=2$ and give a distance check. [2]

M5 A(1,1), B(2,1), C(1,3) map to (4,-1),(5,-1),(4,1). Describe and verify the transformation. [3]

Check working and units. Teacher feedback follows separately.