

Geometry checkpoint and feedback

Pearson Edexcel GCSE Mathematics 1MA1 • L032

Foundation and Higher • Lesson resources

REACH FOR THE STAR | GCSE MATHEMATICS

Purpose

Use independent geometry evidence to identify misconceptions, complete a targeted repair and demonstrate transfer.

Vocabulary

Diagnostic: evidence used to choose teaching. Justification: a mathematical reason. Transfer: use a method in a different question. Check: verify against the original conditions.

Why the method works

A correct number with a wrong reason does not establish understanding. Angle errors may concern the total or the relationship; transformation errors may concern the centre or direction; scale errors may concern units. Identify the first decision that failed, repair it and test with a fresh item after a delay.

Method and checking

Attempt Recall unaided. Select a matching worked repair; explain the change. Complete Apply and Prove independently. Use the practical sheet for a drawing check and keep its evidence separately from numeric retrieval.

Common errors and next attempt

Wrong angle: name the rays and parallel markings. Wrong image: mark centre or mirror first. Wrong scale: write both units. Wrong locus: distinguish exactly from within. Reassess one day and one week later.