

Cumulative checkpoint and feedback

Pearson Edexcel GCSE Mathematics 1MA1 • L024

Foundation and Higher • Lesson resources

REACH FOR THE STAR | GCSE MATHEMATICS

Purpose

Use independent evidence across number, proportion and algebra to identify a specific error and demonstrate a repaired method.

Vocabulary

Diagnostic: evidence used to choose teaching. Transfer: use a method in a fresh situation.

Reference whole: quantity treated as 100%. Equivalent: same mathematical value or relationship.

Why the method works

Different errors need different repairs. A denominator error concerns the size of the fraction unit; a percentage error may use the wrong whole; an equation error may break equality. Identify the first incorrect decision rather than repeating the same question.

Method and checking

Attempt Recall without notes. Choose one matched Discover repair. Use new Apply questions without the scaffold, then take the exit check. Record support and a delayed independent attempt; do not infer a grade from this small sample.

Common errors and next attempt

Fraction error: rebuild common units. Ratio error: label total versus difference. Algebra error: mark operations on both sides. Inequality error: test an inside and outside value. Recheck with fresh numbers after one day and one week.