



GCSE Equivalency Tests

Advice for those taking the Mathematics test

Timing

The paper is 90 minutes long.

The paper will focus on topics at grades B, C, D, E (Intermediate Tier)

A calculator will be required for this paper.

A ruler, a protractor and a pair of compasses may be required.

The paper will be available in English and Welsh.

The formulae for the area of a trapezium and the volume of a prism will be given

Outline of content

The paper will typically consist of topic areas from the list outlined below:

- Number sequences including nth term
- Simplifying algebraic expressions
- Percentages including profit/loss and depreciation
- Simple probability
- Money calculations/bills
- Rounding – decimal places and significant figures
- Exchange rates
- Bearings
- Pie charts
- Mean, median and mode
- Grouped frequency diagrams (bar charts)
- Angle facts for triangles and quadrilaterals
- Enlargement
- Sharing in a ratio
- Solving linear equations including brackets
- Substitution into formulae
- Mass, volume, density
- Factorising and expanding single brackets
- Area and circumference of a circle
- Estimating the mean from grouped data
- Area of a trapezium
- Pythagoras' Theorem
- Trial and improvement
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Preparation guidance

In order to prepare for this paper, candidates are recommended to consult Maths papers from the WJEC examination board. The exam boards provide access to past papers, mark schemes and guidance materials on their website.

<https://www.wjec.co.uk/qualifications/mathematics-gcse>