



Key Topics to Revise for Intermediate Tier Numeracy (and MathsWatch Clip Numbers)

G	ra	d	e	E

Multiplying Decimals3	2
Dividing Decimals	
Equivalent Fractions	
Simplifying Fractions	
Comparing Fractions	
Half-Way Values	
Introduction to Powers/Indices 3	
Rounding to Decimal Places	
Listing Strategies 4	
Introduction to Ratio 4	
Using Ratio for Recipe Questions 4	
Introduction to Percentages 4	
Value for Money	
Simplifying - Addition and Subtraction 4	
Nets	
Measuring and Drawing Angles 4	
Perimeters	
Area of a Rectangle	
Circle Definitions	

Grade D

Four Rules of Negatives	DΒ
Adding and Subtracting Fractions	59
Finding a Fraction of an Amount	
Multiplying Fractions	61
Dividing Fractions	
BODMAS/BIDMAS	
Calculator Questions	64
Product of Primes	65
Squares, Cubes and Roots	66
Working with Indices	67
Decimals and Fractions	
Fractions, Percentages, Decimals	69
Percentage of an Amount (Calc.)	70
Percentage of an Amount (Non-Calc.)	71
Change to a Percentage (Calc.)	72
Change to a Percentage (Non-Calc)	73
Simple Interest	74
Using Place Value	75
Introduction to Proportion	76
Exchanging Money	77
Sharing Using Ratio	78
Ratios, Fractions and Graphs	79
Distance-Time Graphs	80

Grade D (Continued)

Simplifying - Multiplication	. 81
Simplifying - Division	. 82
Expanding Brackets	. 83
Substitution	
Solving Equations Using Flowcharts	. 85
Subject of a Formula Using Flowcharts	. 86
Angles on a Line and at a Point	. 90
Angles and Parallel Lines	. 91
Angles in a Triangle	. 92
Area of a Triangle	102
Area of a Parallelogram	103
Area of a Trapezium	104
Unit Conversions	105
Speed-Distance-Time	
Surface Area of a Cuboid	107
Volume of a Cuboid	108
Area of a Circle	
Circumference of a Circle	
Bisecting an Angle	
Bisecting a Line	
Bearings	
Questionnaires	
Time Series	
Scatter Diagrams	
Venn Diagrams	
Pie Charts	
Averages and the Range	122





Grade C

Reciprocals	123
Highest Common Factor (HCF)	124
Lowest Common Multiple (LCM)	125
Rounding to Significant Figures	126
Estimating Answers	
Introduction to Bounds	128
Recurring Decimals to Fractions	129
Increase/Decrease by a Percentage	130
Percentage Change	
Expanding and Simplifying Brackets	138
Solving Equations	
Forming Formulae and Equations	140
Rearranging Simple Formulae	141
Geometric Properties of Quadrilaterals	145
Plans and Elevations	146
Surface Area of a Prism	147
Volume of a Prism	148
Density	150
Constructing Perpendiculars	151
Loci	153
Similar Shapes	155
Pythagoras' Theorem	156
Frequency Diagrams	157
Sampling Populations	159
Averages From a Table	

Lower Grade Skills

•	Rounding to nearest 10/100/1000 22
•	
•	Probability Scale

Other Topics

- Money; Bills, VAT, Tax etc.
- Profit and Loss
- Conversion Graphs
- Time Conversions and Calculations
- Population Density
- Scale Diagrams

Grade B

Standard Form	161
Index Notation	162
Negative Indices	163
Error Intervals	164
Mathematical Reasoning	165
Compound Interest and Depreciation	166
Reverse Percentage Problems	167
Pythagoras' Theorem - Using Algebra .	179
Trigonometry	180
Cumulative Frequency	184
Boxplots	

Please note:

The topics above are not the only topics which could appear in the GCSE Numeracy exams. These are the key topics which have appeared in past papers in recent years. Pupils should use these lists to therefore focus their revision. They should still revise the other topics we have covered in class also however.





Helping your child to revise

There are a range of different websites which pupils can use to revise for their GCSE Numeracy exams. Here is a list of some we suggest:

MathsDIY

This website provides access to past paper questions, solutions and mark schemes. You will also find past paper questions which are grouped by topic.

Mathswatch

Provides pupils with videos and accompanying practice questions on a range of different topics. Students can find their username and password in their school emails



CorbettMaths

Videos and worksheets on every topic in Mathematics.

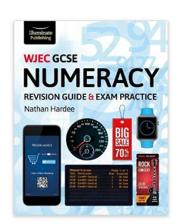


BBC Bitesize

Information sheets with accompanying quizzes to test pupils' understanding on a range of different topics.



We also recommend the following practice book for lots of additional practice questions pupils can do at home:



WJEC GCSE Numeracy Revision Guide & Exam Practice Paperback –

by Nathan Hardee (Author)

★★★☆☆ × 8 ratings

See all formats and editions

Paperback £15.99

3 Used from £12.20 15 New from £13.27

Note: This item is eligible for FREE Click and Collect without a minimum order subject to availability. Details

Written by an experienced GCSE Numeracy teacher and Numeracy co-ordinator, this practical guide will support students
throughout their GCSE course and help prepare them for their exams. // Ideal for Foundation and Intermediate students, it
provides core numeracy knowledge together with plenty of exam practice in clear, easy to follow sections // Worked examples and
supported questions for each topic help students to understand what the theory means in practice, and how maths skills are used

Website:

https://www.amazon.co.uk/WJEC-Numeracy-Revision-Guide-Practice/dp/1912820684