

Year 11 Mock - Revision List for Foundation Tier Maths

The aim is to give you a full mock experience but note that the topics in red have not been taught yet and it is not essential to revise them.

Topic	Hegarty Clip number
Fractions of an amount	77
Compare negative numbers	37
Index form	102
Properties of quadrilaterals	824
3D shapes	829
Division worded problems	23
Bar charts	425
Adding and subtracting positive and negative numbers	41
Pictograms	426
Fractions of an amount	77
Ratio	334, 329,330
Identify a quadratic sequence	247
Direct proportion	339
Expand a single bracket	160
Factorise simple expressions	169
Solve 2-step equations	179
Substitution	824,780
Probability of single events	351
Recipe problems	742
Straight line graphs	208
Venn diagrams	372
Pythagoras	501,503
Percentage increase or decrease	88
Converting area units	700

Round numbers	17, 56
Convert fractions to decimals and percentages	73-75
Perimeter	552
Calculating with decimals	48-50
Straight line graphs	207
Real life graphs	897
Solving quadratic equations (by factorising)	230
Converting time	709
Volume of a prism	571
Error intervals	774
Vertical line graphs	425
Systematic listing	670
Frequency trees	368
Describe transformations	651
Add or subtract fractions	66
Reflections	639
Scale diagrams	867
Highest common factor, lowest common multiple	31, 34
Converting length	692
Compare decimal numbers	46
Percentages of amounts	87
Ratio and money problem solving	335,754
Square numbers	99
Solve 2-step equations	179
Order of operations	24
Angles on a straight line	477
Collecting like terms	156
Scatter diagrams	453-454
Simplifying expressions	158-159
Factors and multiples of a number	27, 33

Fibonacci sequence	263
Express one number as a fraction of another	62
Complex calculations using a calculator	129
Compare fractions	60
Pie charts	429
Stem and leaf diagrams	431
Frequency tables	401,402
Indices with algebraic expressions	174
Inequalities on a number line	265-266
Distance-time graphs	876, 878
Probability of single events	352, 354
Scale diagrams	865, 867
Trigonometry (find side)	509, 511
Reverse percentages	96
Convert percentages to decimals	83
Surface area of cuboids	584
Midpoint of a line segment	200
Two-way tables	424
Calculating speed	716
Write ratios as fractions/proportions	330
Angles around a point	812
Drawing quadratic graphs from a table	251
Find the x-intercepts (roots) of a quadratic graph	253
Solving quadratic equations (by factorising)	230
Standard form	122-123, 127-128