

Revision lists for Higher Tier Maths				
Paper 3			Paper 4	
Topic	Clip Number		Question Title	
			Clip Number	
3D Pythagoras, bounds calculations	139,506		Change the subject of a formula, substitution	281, 780
Multiplying with standard form	125,128		Congruent triangles	682
Dividing with standard form	126,128		Harder problems involving ratios	336
Circle theorems	597,598		Change the subject of the formula	286
Area of a triangle ($\frac{1}{2}ab\sin C$), area of similar shapes	519,615		Function notation	288
Area under a curve	893		Composite functions	293
Area under a curve (over and under estimates)	892		Inverse functions	295
Area under a curve reasoning	893		Vectors (geometry problems)	632
Mean of two combined data sets	408		Displaying sets in Venn diagrams	372
Combined transformations	657		Venn diagrams for probability	377,383
Invariance	655		Reverse percentages	96
Algebraic fractions with quadratics	229,244		Repeated percentage increase, compound interest	92,94
Expand triple brackets	166		Product rule for counting	671,672
Linear inequalities as graph regions	275		n th term of a quadratic sequence	248
Linear inequalities as graph regions	275,276		Turning point of quadratic graphs	256
Volume of a prism, right-angled trigonometry	510,571		Recurrence relations, substitute and solve	189,262
Independent events and simplified probability trees	363		Indices with algebraic expressions	174
Independent events and simplified probability trees	363		Simplify expressions involving division	159
Lowest common multiple (prime factorisation)	35		Solve single linear inequalities	269
Calculate mean from a histogram	418,442		Direct proportion and area of rectangles	341,554
Mutually exclusive events, expectation	354,355		Direct proportion and area of rectangles	341,554
Vectors (combining and multiplying by scalars)	626		Simultaneous equations using straight lines	218
Speed (calculating time)	721		Solve a quadratic equation with a graph	251
			Convert recurring decimals to fractions	54
			Ratio problem solving with algebra	285,329
			Ratio problem solving with algebra	232,329