Y10 AP3 Higher Revision List

Торіс	Sparx Clip
Solving quadratic inequalities	U133
Enlargement by a positive or negative scale factor	U134
Calculating with speed	U151
Using recurrence relations	U171
Expanding single brackets	U179
Drawing cumulative frequency graphs	U182
Translation	U196
	U224, U985,
Multiplying mixed numbers, Indices of the form 1/a, Negative indices	U694
Index rules with positive indices	U235
Index rules with positive indices, Indices of the form 1/a	U235, U985
Converting units of area	U248
Calculating with rates	U256
Multiplying and dividing numbers in standard form	U264
Finding the area of trapeziums	U265
Finding unknown sides in right-angled triangles	U283
Finding original values in percentage calculations	U286
Capture and recapture	U328
Using standard form with positive indices	U330
Compound interest calculations	U332
Solving inverse proportion word problems	U357
Factorising into one bracket	U365
Using the product rule for counting	U369
Finding the area of sectors	U373
Equations of parallel lines	U377
Using Pythagoras' theorem in 2D	U385
Using Pythagoras' theorem in 2D. Finding the area of circles	U385, U950
Constructing direct proportion equations, Constructing inverse proportion equations	U407, U138
Angles in polygons	U427
Circle theorems	U459. U251
Venn diagrams	U476
Reflecting graphs	U487
Calculating with pressure	U527
Using standard form with negative indices	U534
	U541. U265.
Using Pythagoras' theorem in 3D, Finding the area of trapeziums, 3D Trigonometry	U170
Finding the volume of composite shapes	U543
Solving simultaneous equations involving quadratics	U547
Changing the subjects of formulae	U556
Tree diagrams for independent events	U558
Geometric proofs with vectors	U560
Equations of circles and tangents	U567
-1	U577, U881.
Sharing amounts in a given ratio, Finding fractions and percentages of amounts	U554
Substituting into algebraic formulae	U585
Finding error intervals for calculations	U587

The cosine rule, The sine rule	U591, U952
Translating graphs	U598
Constructing and solving equations, Writing and simplifying ratios	U599 <i>,</i> U687
Solving quadratic equations graphically	U601
Expanding triple brackets	U606
	U610, U388,
Currency conversion, Converting units of capacity, Direct proportion word problems	U721
Calculating distances from velocity-time graphs	U611
Substituting into functions	U637
Interpreting cumulative frequency graphs	U642
Finding error intervals	U657
Simplifying expressions using index laws	U662
Calculating with ratios and algebra	U676
Adding and subtracting algebraic fractions	U685
Adding and subtracting algebraic fractions, Using the quadratic formula	U685 <i>,</i> U665
Converting recurring decimals to fractions	U689
Conditional probabilities from Venn diagrams	U699
Solving direct proportion word problems, Percentage change with a calculator	U721, U671
Tree diagrams for dependent events	U729
Prime factor decomposition	U739
Solving single inequalities	U759
Solving geometric problems using vectors	U781
	U786, U910,
Volume of cuboids, Calculating with density, Writing and simplifying ratios	U687
Estimating gradients of non-linear graphs using tangents	U800
Drawing histograms with unequal class widths	U814
Interpreting box plots	U837
Interpreting box plots	U837
Drawing and interpreting frequency polygons	U840
Finding equations of linear real-life graphs	U862
Changing ratios	U865
Finding averages from grouped data	U877
Drawing box plots	U879
Geometric proofs with congruence and similarity, Circle theorems	U887, U459
Solving shape problems involving coordinates	U889
Adding and subtracting column vectors, Multiplying column vectors by a scalar	U903 <i>,</i> U564
Using a calculator	U926
Finding the surface area of cubes and cuboids	U929
Factorising the difference of two squares	U963
Interpreting histograms	U983
Plotting graphs of quadratic functions	
	U989