

**Paper 1**

<b>Topic</b>	<b>Sparx Code</b>
Angles on a line and about a point	U390
Angles on parallel lines	U826
Expanding single brackets	U179
Understanding similarity	U551
Algebraic fractions	U685, U824
Averages and range	U526, U456
Calculating the mean	U291
Circumference of circles	U604
Completing the square	U397
Congruent triangles	U866
Constructing and solving equations	U599
Converting recurring decimals to fractions	U689
Dividing fractions	U544
Equations of parallel and perpendicular lines	U898
Estimating roots and powers	U299
Expanding single brackets	U179
Finding prime numbers	U236
Fractions of an amount	U881
Function machines with letters	M428
Graphs of reciprocal functions	U593
Multiplying and dividing surds, Adding and subtracting surds	U633, U872
Multiplying fractions	U475, U692
Prime factor decomposition	U739
Pythagoras' theorem	U385
Share amounts in a given ratio	U577
Simplify surds	U338
Solving simultaneous equations using elimination	U760
Solving simultaneous equations using substitution	U757
Solving single inequalities	U759
Standard form	U330, U534
Substituting into functions	U637
Surface area	U464, U893, U687
Using a written method to divide with decimals	U868
Using a written method to multiply decimals	U293
Using the exact values of trigonometric ratios (Higher)	U319
Using the product rule for counting	U369
Venn diagrams with set notation	U748

## Paper 2

Topic	Sparx Code
Add and subtract algebraic fractions	U685
Area of triangles	U945
Bearing	U107
Calculating experimental probabilities	U580
Converting between fractions, decimals and percentages	U888
Drawing and interpreting scale diagrams	U257
Drawing box plots	U879
Enlargement by a positive or negative scale factor	U134
Estimating calculations	U225
Finding composite functions	U448
Finding the surface area of cubes and cuboids	U929
Finding unknown sides in right-angled triangles	U283
Growth and decay	U988
Interpreting equations of straight line graphs	U669
Interpreting histograms	U983
Interpreting pie charts	U172
Percentages	U349, U286
Plans and elevations, Finding the volume of cubes and cuboids	U743, U786
Plotting graphs of quadratic functions	U989
Proportion and ratio	U407, U753
Pythagoras' theorem	U385
Ratio	U577, U753
Solve quadratic equations using the quadratic formula	U665
Solving equations with the unknown on both sides	U870
Speed, distance and time	U151, U902
Substituting into algebraic formulae	U585
The cosine rule	U591
The sine rule	U952
Writing algebraic proofs	U582

Please use the following to help with revision:

SPARX

Mathswatch

<https://corbettmaths.com/>