

## Year 11 PPE3 Higher Paper 3 Calculator Topic List Feb 2024

Login to *Sparx Maths*  
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<b>Topic</b>	<b>Sparx Code</b>	<b>Revised?</b>
Expanding single brackets	U179	
Converting between fractions, decimals and percentages	U888	
Writing numbers as percentages of other numbers	U925	
Using Pythagoras	U385	
Calculating bearings	U107	
Solving direct proportion word problems	U721	
Finding fractions of amounts with a calculator	U916	
Adding and subtracting fractions	U736	
Drawing pie charts	U508	
Finding the volume of prisms	U174	
Calculating with speed	U151	
Term-to-term rules	U213	
Writing algebraic proofs	U582	
Venn diagrams with set notation	U748	
Tree diagrams for independent events	U558	
Calculating the mean	U291	
Finding the equation of a straight line from two points on the line	U848	
Constructing loci	U820	
Calculating experimental probabilities	U580	
Substituting into expressions	U201	
Interpreting cumulative frequency graphs	U642	
Completing the square	U397	
Drawing and interpreting scale diagrams	U257	
Interpreting direct proportion equations	U640	
Changing the subjects of formulae	U556	
Finding bounds for calculations	U587	
Factorising the difference of two squares	U963	
Estimating areas under non-linear graphs	U882	
Calculating acceleration from velocity-time graphs	U562	
Multiplying algebraic fractions	U457	
Surface area and volume of similar shapes	U110	
Substituting into iterative formulae	U434	
Substituting into functions	U637	
Trigonometry in 3D shapes	U170	
Using the product rule for counting	U369	