

YEAR 11 MATHS TOPIC LIST PPE2: Higher Paper 2 Calculator Nov 2024

Go to Sparx Maths

1. Go to independent learning on the left hand side.
2. Make sure "Your Curriculum" is set as GCSE
3. Enter code to search for questions
4. Answer questions, show all working out in your book
5. If you are stuck, watch the video for help
6. Your Independent Learning along with your Maths grade will be shared with your parents.

Topic	Sparx Code	Revised?
Angles in quadrilaterals	U732	
Calculating experimental probabilities	U580	-
Calculating the mean	U291	
Calculating with ratios and algebra	U676	
Completing the square	U397	-
Composite Functions	U448	-
Congruent triangles	U866	
Construct direct proportion equations	U407	-
Construct inverse proportion equations	U138	-
Constructing and solving equations	U599	-
Convert units of length & time	U388, U902	
Converting units of area	U248	-
Equations of parallel & perpendicular lines	U898	-
Expected results from repeated experiments	U166	
Factorise to solve quadratics of the form $x^2+bx+c=0$	U228	-
Find equations of straight line graphs	U315	
Finding the volume of cubes and cuboids	U786	-
Finding the volume of cylinders	U915	-
Interpreting graphs of quadratic functions	U667	-
Interpreting pie charts	U172	
Multiply fractions	U475	-
Mutually exclusive events	U683	-
Plans and elevations	U743	-
Plotting straight line graphs	U741	-
Position-to-term rules for sequences of patterns	U978	
Prime factor decomposition	U739	
Reflection	U799	
Sampling and bias	U162	-
Sharing amounts in a given ratio	U577	
Simplifying expressions using index laws	U662	-
Solve direct proportion word problems	U721	-
Solving inverse proportion word problems	U357	
Solving shape problems involving coordinates	U889	
Substituting into composite functions	U895	
Substituting into real life formulae	U144	-
Term-to-term rules	U213	
The sine rule	U952	
Tree diagrams for independent events	U558	-
Use equivalent ratios, Share amounts in a given ratio	U753, U577	-
Using Pythagoras' theorem in 2D	U385	-
Using the product rule for counting	U369	-
Volume of cylinders & Volume of spheres	U915, U617	-

