



Personal Learning Checklist (PLC)

Name:
Subject: HIGHER RECALL
Topic/Sub-Topic: KEY EXAMINATION TOPICS

S = I have Summarised ✓ O = I have Organised (RAG or ☺☹☹) R = I have Recalled ✓ T = I have Tested Myself ✓

I can ...	S	O	R	T
Enter complex calculations into a calculator				
Ratio – sharing out a given amount, understanding the connection to fractions, writing in the form 1:n				
Using HCF and LCM to solve problems				
Using algebra to solve worded problems				
Working with fractions				
Perimeter and area of complex compound shapes				
Transformations – reflections, rotations, enlargements and translations				
Angle properties of shapes and parallel lines				
Proof				
Error bounds				
Sequences – nth term of linear and quadratic				
Cumulative frequency				
Histograms				
Speed, time graphs				
Vectors				
Direct and inverse proportion				
Indices – including writing as the power of a given base				
Regions with inequalities				
Solving quadratics – factorising, completing the square, quadratic formula, sketching the graph				
Standard form – converting numbers, using within problem solving, best value				

Algebra – simplifying, solving				
Percentages – profit, reduction, compound & simple interest, reverse, repeated, growth and decay				
Scatter diagrams				
Probability – tree diagrams, two-way tables, Venn diagrams				
Recurring decimals				
Surds				
Function machines				
Properties of graphs, including cubic graphs, finding the intersection of two				
Circle theorems				
Trigonometry – finding missing angles, lengths, plotting trig graphs, with non-right angle triangles, bearings, without a calculator, area of a triangle				
Loci				
$y=mx+c$				
Inequalities – including showing on a number line				
Pythagoras in 3D				
Complex volumes – involving algebra				
Equation of a circle, equation of a tangent				
Trial and improvement				
Similar shapes – length, area and volume				
Area of a sector				

Remember Corbettmaths is a great place to find clips on how to do all of these topics.

