





Personal Learning Checklist (PLC)

Subject: HIGHER RECALL Topic/Sub-Topic: KEY EXAMINATION TOPICS S = I have Summarised ✓ 0 = I have Organised (RAG or ©©®) R = I have Recalled ✓ T = I have I can S 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 Sepeed, time graphs	ve Teste	d Mysel	
S = I have Summarised ✓ O = I have Organised (RAG or ©⊙⊙) R = I have Recalled ✓ T = I have I Can S 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 S Sequences - nth term of linear and quadratic Cumulative frequency Histograms I		-	
I can S 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 Image: State in the state i		-	f 🗸
Enter complex calculations into a calculatorRatio – sharing out a given amount, understanding the connection to fractions, writing in the form 1:nUsing HCF and LCM to solve problemsUsing algebra to solve worded problemsWorking with fractionsPerimeter and area of complex compound shapesTransformations – reflections, rotations, enlargements and translationsAngle properties of shapes and parallel linesProofError boundsSequences – nth term of linear and quadraticCumulative frequencyHistograms	0	R	• •
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			Т
writing in the form 1:nUsing HCF and LCM to solve problemsUsing algebra to solve worded problemsWorking with fractionsPerimeter and area of complex compound shapesTransformations – reflections, rotations, enlargements and translationsAngle properties of shapes and parallel linesProofError boundsSequences – nth term of linear and quadraticCumulative frequencyHistograms			
Using HCF and LCM to solve problemsUsing algebra to solve worded problemsWorking with fractionsPerimeter and area of complex compound shapesTransformations – reflections, rotations, enlargements and translationsAngle properties of shapes and parallel linesProofError boundsSequences – nth term of linear and quadraticCumulative frequencyHistograms			
Using algebra to solve worded problems Image: Complex compound shapes Working with fractions Image: Complex compound shapes Perimeter and area of complex compound shapes Image: Complex compound shapes Transformations – reflections, rotations, enlargements and translations Image: Complex compound shapes Angle properties of shapes and parallel lines Image: Complex compound shapes Proof Image: Complex compound shapes Error bounds Image: Complex compound shapes Sequences – nth term of linear and quadratic Image: Complex compound shapes Histograms Image: Complex compound shapes			
Working with fractions Image: Compound shapes Perimeter and area of complex compound shapes Image: Compound shapes Transformations – reflections, rotations, enlargements and translations Image: Compound shapes Angle properties of shapes and parallel lines Image: Compound shapes Proof Image: Compound shapes Error bounds Image: Compound shapes Sequences – nth term of linear and quadratic Image: Compound shapes Histograms Image: Compound shapes			
Perimeter and area of complex compound shapes Image: Complex compound shapes Transformations – reflections, rotations, enlargements and translations Image: Complex compound shapes Angle properties of shapes and parallel lines Image: Complex compound shapes Proof Image: Complex compound shapes Error bounds Image: Complex compound shapes Sequences – nth term of linear and quadratic Image: Complex compound shapes Histograms Image: 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			
Angle properties of shapes and parallel lines Image: Comparison of the state			
Proof Error bounds Sequences – nth term of linear and quadratic Cumulative frequency Histograms			
Error bounds Sequences – nth term of linear and quadratic Cumulative frequency Histograms			
Sequences – nth term of linear and quadratic Cumulative frequency Histograms			
Cumulative frequency Histograms			
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			
Pocurring desimals			
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.

