Higher Paper 1A (non calculator)

Topic	R	A	G
Recognise factors, multiples and primes			
Equation of parallel lines			
Area of a circle			
Area of a semi circle			
Horizontal and vertical graphs (e.g. $y = 4, x = -2$)			
Shading regions bound by inequalities on a graph			
Multiplying fractions			
Multiplying negative numbers			
Recognising parts of a circle			
Calculating arc length $\frac{\theta}{360} \times \pi d$			
Dividing amounts into a ratio			
Finding the HCF			
Expressing a number as a product of primes/prime factor decomposition (factor trees)			
Scatter graphs and correlation and reading from a scatter graph			
Drawing straight line graphs from a table of values			
Solving equations using a straight line graph			
Equation of perpendicular lines			
Basic angle rules (on a straight line and around a point)			

Higher Paper 1B (non calculator)

Topic	R	A	G
Expand single brackets			
Expand double brackets			
Plotting straight line graphs from a table of values			
Solving linear inequalities with x on both sides			
Rearranging a formula (make x the subject)			
Solving linear inequalities involving brackets			
Solving dual inequalities. E.g. solve $-5 \leq 2x + 3 < 9$			
Convert a recurring decimal to a fraction			
Convert a fraction to a recurring decimal			
Inequalities on a number line			
Conversion graphs			
Representing inequalities as a graph. E.g. shade the region represented by $y < 2x + 1$			
Arithmetic with recurring decimals			

Higher Paper 2 (Calculator)

Topic	R	A	G
Adding algebraic fractions			
Composite functions. E.g. $fg(x)$			
Error intervals			
Solving composite functions			
Calculations with upper and lower bounds			
Velocity-time graphs (speed-time graphs)			
Calculations with speed, distance and time			
Converting units of speed and pressure. E.g. convert from km/h to m/s			
Rearranging formulae (make x the subject)			
Finding the area of circles, semicircles and rectangles			
Simplifying algebraic fractions, involving those that require factorising			
Factorising involving difference of 2 squares			
Finding the area of a segment			
Calculating arc length			
Volume of a frustum			
Inverse functions. E.g. $f^{-1}(x)$			
Finding the HCF and LCM using the Venn diagram method			