

Paper 1F

| Number | Algebra | Geometry and Measures | Statistics and Probability | Ratio, Proportion and Rates of Change |
|--|---|--|---|---|
| <ul style="list-style-type: none">• Place Value• FDP conversions and comparisons• Reverse Percentages• Division• Multiples• Estimation• Time calculations• Product of primes• Converting to and from standard form | <ul style="list-style-type: none">• Simplifying expressions• Plot linear graphs• Basic quadratic sequences (finding term)• Solving inequalities• Inequalities on number lines | <ul style="list-style-type: none">• 2D shapes• Enlargement (not from a point)• Reverse Area• Interior Angles of polygons• SDT• Distance-time graphs | <ul style="list-style-type: none">• Reading from bar charts• Averages from frequency tables• Averages from grouped frequency tables• Frequency polygons• Finding probabilities• Calculating probabilities from probability trees | <ul style="list-style-type: none">• Unitary method• Best buys• Ratio problems (EG counters added to a bag and ratio changes – how many were added)• Multi-step fraction, percentage and ratio calculations |

Paper 2F

| Number | Algebra | Geometry and Measures | Statistics and Probability | Ratio, Proportion and Rates of Change |
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| <ul style="list-style-type: none">• Ordering integers• FDP Conversions• Shading fractions• Reciprocal• Money calculations• Factors• Prove me wrong questions (EG All primes are odd)• Laws of indices• Using a calculator | <ul style="list-style-type: none">• Simplifying in algebra including when powers involved• Forming expressions• Forming and solving equations• Solving equations (including fractional and both sides)• Equations of lines• Solving simultaneous equations | <ul style="list-style-type: none">• Metric conversions• Lines of symmetry• Reflection• Bearings• DMV | <ul style="list-style-type: none">• Median• Pie charts• Relative frequency• Scatter diagrams including correlation | <ul style="list-style-type: none">• Scale drawings• Exchange rates• Recipes• Ratio and area |

Paper 3F

| Number | Algebra | Geometry and Measures | Statistics and Probability | Ratio, Proportion and Rates of Change |
|---|--|---|--|--|
| <ul style="list-style-type: none">• Rounding• Ordering Decimals• Midpoint• FDP conversions• Calculations with money• Percentages of amounts• Percentage profit• Reverse fractions of amounts• HCF/LCM using product of primes• Error intervals• Laws of indices | <ul style="list-style-type: none">• Co-ordinates• Equation of a line• Expand single brackets• Factorise linear expressions• Expand double brackets• Rearrange formulae• Substitution• Define equation/expression /identity/formulae/ Inequality | <ul style="list-style-type: none">• Converting units of time• Metric conversions• Naming 2D shapes• Properties of 2D shapes (notation)• Angles in 2D shapes• Volume of a cube/cuboid• Volume of a cylinder (difficult)• Column vector from co-ordinates• Trigonometry | <ul style="list-style-type: none">• Mean from a list of numbers• Creating a grouped frequency table (tally)• Stem and leaf diagrams• Combinations• Finding probability• Mean from a grouped frequency table | <ul style="list-style-type: none">• Ratio to fractions• Inverse proportion (not equation) |