

Paper 1 (Non-Calculator)

Multiples, square numbers & the sum/division of whole numbers
Measure lengths, angles & calculate area/perimeter
Multiplying positive & negative numbers, squaring and cubing
Express as a fraction
Money problem
Improper fractions & decimals to fractions
Pictogram problem
Substitution
Matching fractions, decimals & percentages
Order of operations problem
Units conversion - decimal x integer
100% increase
Bar chart ratio reasoning
Describe a population
Percentage & area non-calc problem
Speed
Angles on a line with ratio
Prime number problem
Fractions in a ratio problem
Type of correlation & line of best fit
Product of prime factors
Expand & simplify
Criticise reciprocal graph
Forming & solving an equation, using mean
Mixed number divided by fraction

Paper 2 (Calculator)

Number line, positive & negative numbers
Simplifying expressions
Perimeter by counting squares, congruence & reflection in a mirror line
Coordinates
Simple money problems & simple best buy
Systematic listing
Sum of odds & evens, factors & division of a square by a prime
Frequency tree with percentage & probability problem
Money & time problem
Fraction of amount, fraction from a ratio, one quantity as a percentage of another
Venn diagrams
Simplifying ratio evaluation
Percentage increase & decrease
Factorise an expression
Inequality
n th term of a linear sequence
Ratio problem
Sample space diagrams, probability & expected amount
Exterior angle of polygon
Describe translations as vectors
Hemisphere volume problem
Similar rectangles
Change compound units in algebraic context

Paper 3 (Calculator)

Solve simple equation
Mode, median, range
Spinner inference, complete spinners
Change of units
Term-to-term rule of a sequence
Distance-time graph
Rates of pay problem
Fraction of kilogram show that
Types of angles
Simplify expressions
Ratio of angles around a point
Inequality notation
Parallel lines
Algebra terminology
Number problem with proportion
Area problem
Identifying sequences
Compound percentage decrease
Cuboid surface area
Quadratic table of values & drawing a quadratic
Ratio problem
Pie chart
Trigonometry
Estimation & deductions using estimation
Factorise & solve quadratic