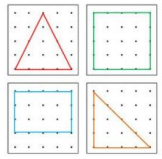
Mathematics@Crawshaw



$2(x+4)$ $2x+8$

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Geometry and measures
- Perimeter and area
- Angles and polygons

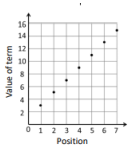
Ratio, proportion and rates of change
- Speed, distance and time

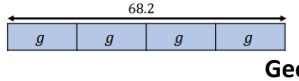
Statistics
- Averages and range
- Graphing data

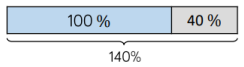
Number
- Place value, ordering and rounding
- Four operations
- Rounding and estimating
- Fractions, decimals and percentages
- Directed number
- Fractions and percentages of amounts
- Properties of number
- Add and subtract fractions

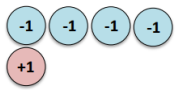
Algebra
- Sequences
- Algebraic notation and substitution
- Expressions and equations

Position	1	2	3	4
Term	3	5	7	9









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Ratio, proportion and rates of change
- Ratio
- Proportion and scale

Algebra
- Algebraic manipulation
- Coordinates and graphs
- Equations and inequalities
- Indices
- Sequences

Number
- Multiply and divide fractions
- Percentages
- Standard form

$\frac{6}{10} + 0.3$

Geometry and measures
- Symmetry and reflection
- Area, volume and density
- Angles in parallel lines and polygons
- Circles

Statistics
- Interpret and represent data
- Graphs and charts

Probability
- Tables and probability

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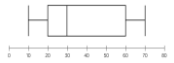
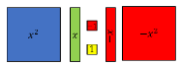
Ratio, proportion and rates of change
- Rates
- Ratio and proportion

Algebra
- Equations, inequalities and formulae
- Straight line graphs
- Algebraic manipulations
- Non-linear graphs
- Simultaneous equations



Geometry and measures
- Area and volume
- Construction and congruence
- Similarity
- Pythagoras' theorem
- Transformations
- Trigonometry

Number
- Properties of number
- Percentages
- Fractions
- Standard form
- Maths and money



Probability
- Probability

10

Algebra
- Algebraic manipulations
- Equations, inequalities and formulae
- Quadratic expressions and equations
- Straight line graphs
- Non-linear graphs
- Simultaneous equations

Number
- Percentages
- Work with fractions
- Non-calculator methods
- Rounding and estimating
- Factors, powers and surds

Ratio, proportion and rates of change
- Ratio and scale

Probability
- Probability

Statistics
- Interpret and represent data
- Graphs and diagrams

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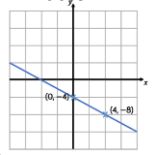
Probability
- Set notation and Venn diagrams

Number
- Standard form

Geometry and measures
- Area and volume
- Similarity and congruence
- Circles
- Vectors
- Angles, bearings and trigonometry
- Construction and Loci
- Transformations

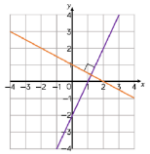
Algebra
- Sequences and proof
- Functions and graphs
- Equations and formulae

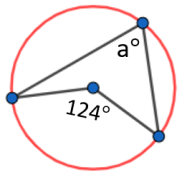
Ratio, proportion and rates of change
- Ratio and proportion
- Rates

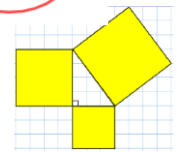


Geometry and measures
- Perimeter, area and volume
- Angles
- Vectors
- Pythagoras' theorem and Trigonometry

Revision and exams







Further Maths
A Level Maths
Core Maths

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$