

TOPIC LIST for Mid-Year 10 Examinations

Highlighted topics indicate Year 9 topics which will not be covered again before the mid-years. Make sure you review them.

Geometry

Angles in Polygons

Angle facts - for triangles, quadrilaterals and parallel lines

Area of a 2D shape including circles and fractions of a circle

Congruence & Similarity

Pythagoras

SOH CAH TOA

Transformations - translation, rotation, reflection, enlargement

Volume of a prism

Data Handling

Histograms

Mean, Median, Mode and Range

Number

+ - \times \div with decimals, negatives, fractions & mixed numbers

Factors

FDP conversion

Powers & roots

Percentages

Repeating decimals

Rounding

Surds

Algebra

Algebraic fractions

Algebraic notation

Equations - linear

Expanding & Factorising

Expressions - simplifying

Indices

Sequences – Linear

Simultaneous equations- Linear

Ratio & Proportion

Percentage change (including reverse % calculation)

Ratio