

YEAR 11 Mock Exams

Topic List

PAPER 2 : CALCULATOR ALLOWED

- 1) n^{th} term of a sequence
- 2) change the subject of a formula
- 3) setting up an equation to describe a simple situation
- 4) Pythagoras' Theorem: Includes proving a triangle is right-angled.
- 5) Mode, median, mean, range basic questions
- 6) Probability and pie charts
- 7) SOHCAHTOA
- 8) Simultaneous Equation Problem
- 9) Solve equation by trial and improvement
- 10) Reverse % calculation
- 11) Transformation : To include enlargement and centre of enlargement.
- 12) Factorise
- 13) Speed calculations
- 14) Least and greatest values of measurements
- 15) Area of triangle using $A = \frac{ab \sin C}{2}$
Area of a sector
- 16) Trigonometric Graph
- 17) Probability
- 18) Sine and Cosine Rule
- 19) Solve quadratic equation using the quadratic formula
- 20) Similar shapes and solids involving area and volume.
- 21) Parallel Lines and angles : Alternate and Corresponding angles.