Topic list for end of year maths exam – Year 9H

- ➤ +, -, × and ÷ decimals
- ➤ Rounding
- ➤ Indices
- ➤ Product of prime factors, HCF and LCM
- ➤ Writing and simplifying expressions
- ➤ Substitution
- ➤ The next term, nth term and 100th term of a sequence
- ➤ Type of sequences
- ➤ Calculating missing angles
- ➤ Conversion between fractions and decimals
- ➤ Simplifying ratio
- ➤ -, ÷ and × fractions
- ➤ Calculate a % change including compound interest
- ➤ Solving equations and inequalities
- ➤ Area and circumference of circles
- ➤ Probability including tree diagrams
- ➤ Proportion
- ➤ Pythagoras theorem
- ➤ Rearranging a formula
- ➤ Using your calculator effectively

There will be 2 parts to the exam. For the first exam you will not be allowed to use a calculator.
For the second exam you will be expected to have your own calculator. No other equipment will be needed.

The calculator section of the exam will contain a variety of question types including multiple choice questions and problem-solving questions where it will be important to show your working.

If you have any questions please speak to your maths teacher.

Remember you can find tutorials, practice questions and quizzes for all topics on our website www.astarlearning.co.uk

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