

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

- +, -, \times and \div whole numbers
- Rounding
- Indices, prime numbers, factors and multiples
- Mean, median, mode and range
- Writing and simplifying expressions
- Substitution
- The next term of a sequence
- Calculating missing angles
- Conversion between fractions, decimals and percentages
- Simplifying ratio
- +, -, \times and \div fractions
- Calculate a % of a quantity
- Solving equations and inequalities
- Perimeter and area of 2D shapes
- Pythagoras theorem
- Area and circumference of circles
- Probability including two way tables
- Proportion
- Using your calculator effectively

There will be 2 exams. 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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