

Topic list for end of year maths exam – Year 8F

- +, -, \times and \div whole numbers
- Rounding and estimating
- Factors, multiples, prime numbers and indices
- Mean, median, mode and range
- Writing and simplifying expressions
- Expanding and factorising
- Substitution
- Types of angle
- Calculating missing angles
- Simplifying ratios and sharing in a ratio
- Reflection and translation
- Writing a % as a fraction and decimal
- Calculate a % of a quantity with and without a calculator
- Calculating % increase and decrease
- Solving equations
- Perimeter and area including circles
- Pythagoras Theorem
- Negative numbers
- Value for money
- Calculating with money
- 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 on our website www.astarlearning.co.uk