

## Topic list for end of year maths exam – Year 10F

- Multiples
- Properties of shapes
- Forming and solving equations
- Fraction/decimal/percentage conversion
- Negative numbers
- Pictograms
- Fraction calculations
- BIDMAS
- Rounding and estimating
- Number machines
- Angles in triangles
- Ratio
- Probability and probability diagrams
- Coordinates
- Simplifying
- Square numbers and other indices
- Substitution
- Nth term and sequences
- Expanding and factorising
- % calculations with and without your calculator
- Gradient and intercept
- Proportion
- Best value
- Area including circles
- 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.

Both exams 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](http://www.astarlearning.co.uk)