Topic list for end of year maths exams – Year 7

- ➢ +, -, × and ÷ whole numbers
- ➢ Factors, multiples, prime numbers and indices
- ➢ Mean, median, mode and range
- ➢ Simplifying expressions
- ➢ Expanding brackets and factorising
- ➢ Types of angle
- ➢ Calculating missing angles
- ➢ Simplifying ratios and sharing in a ratio
- ➢ The unitary method
- ➢ Simplifying fractions
- ➢ Converting between fractions, decimals and percentages
- ➢ +, -, × and ÷ fractions and mixed numbers
- ➢ Calculate a % of a quantity with and without a calculator
- ➢ Calculating a % increase or decrease
- ➢ Solving equations
- ➢ Probability
- ➢ 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