

MATHEMATICS – Year 7 entrance exam

As the candidates for this examination come from a wide variety of schools which are following different Mathematics courses, we do not expect them to be prepared to a specific syllabus.

Our papers are a general test in Mathematics and problem solving, covering a fairly wide range of topics which one would reasonably expect a 10-year-old to have met. These include:

Addition

Subtraction

Multiplication and division of whole numbers, fractions and decimals

And questions dealing with:

Directed numbers

Number sequences

Simple percentages

Ratio

Problem solving with fractions and integers

Balance equations

Angle properties

Areas

Volume of prisms

Symmetry

Averages and range

Distance

Time

The level of difficulty of Year 7 Maths papers does vary slightly from year to year and it has been noted that the 2016 paper was a little harder than some previous papers. For the 2017 paper we have tried to avoid topics that may not have been covered. There will, however, still be questions that candidates will have to adapt to without any prior knowledge.

Candidates should bring the following equipment to the examination:

Pen

Pencil

Ruler

Rubber