Year 7 Maths Entrance Exam – Topic List

Below you will find a list of the skills assessed in the Sevenoaks Year 7 Maths Entrance Exam. The paper will comprise a combination of skills-based and problem-solving questions from the list below.

NUMBER
o Place Value
o Rounding
o Addition, Subtraction, Multiplication and Division of whole numbers, fractions and decimals
o Directed numbers
o Square and cube numbers
o Multiples, Factors and Prime numbers
o Number sequences
o Percentages
o Ratio
o BIDMAS
o Time

ALGEBRA
o Simple formulae
o Substitution

SHAPE
o Angle properties
o Conversion between units
o Perimeter and Area of 2D shapes
o Nets of 3D shapes
o Volume of prisms
o Similar shapes
o Transformations
o Coordinates

STATISTICS
o Averages and range
o Statistical Graphs