



Rank My Maths

11+ Maths Topic Checklist

Topic*			
Number			
Place Value			
Whole number arithmetic + - x ÷			
Negative numbers			
Squares and cube number			
Square roots			
Primes, factors and multiples			
Order of operations			
Convert Mixed numbers to and from improper fractions			
Fractions - arithmetic + - x ÷			
Fractions of amounts			
Compare / order fractions			
Decimal arithmetic + - x ÷			
Compare / order decimals			
Percentages of amounts			
Convert between fractions, decimals and percentages			
Ratio – simplify and divide			
Proportion			
Algebra			
Sequences – including nth term			
Simplifying expressions			
Using formulas – substitution			
Solve two step equations			
Expanding brackets			
Understanding expressions			
Shape, Space and Measures			
Names of shapes 2D and 3D			
Time			
Coordinates			

Area – triangles, rectangles, parallelograms, trapeziums			
Perimeter			
Angles			
Parts/ Properties of a circle			
Converting metric units			
Volume of cubes and cuboids			
Reflection, rotation, symmetry			
Money problems			
Statistics			
Averages – mean, median mode, range			
Bar chart, Tally charts, pie charts			
Line graphs			
Pictograms			

*Please note most 11+ exams will incorporate the full maths KS2 curriculum content which is listed in greater detail online at gov.co.uk



11+ Maths Preparation

Topic Checklist & Practice Questions

Question 1

Which single digit should be placed in all 3 of these boxes to give a correct calculation?

$$\square\square \times \square = 176$$

- A) 3 B) 4 C) 5 D) 6 E) 8



Question 4

Find the value of letter in these equations:

$$x + 5 = 7$$

$$12 - y = 5$$

$$2w - 1 = 13$$

$$7w + 3 = 5w + 9$$

Question 2

Work out the following calculations:

$$\frac{11}{12} - \frac{5}{6}$$

$$\frac{3}{4} \times \frac{1}{5}$$

$$12\frac{1}{2} \div \frac{5}{8}$$

$$\frac{1}{3} + \frac{3}{5}$$

Question 3

Work out size of the missing angles:

