

Year 7 Mathematics Revision list

Topics		Can Do
Computation	Long multiplication	
	x by 10, 200, 3000 etc	
	÷ by 10, 200, 300 etc	
	Dividing using the formal method	
	Squaring	
	Square roots	
	<i>Cubing</i>	
	Rounding to nearest 10, 100, 1000 etc	
	Rounding to a given number of decimal places	
Negative numbers	Temperature scale	
	Order negatives	
	Add and Subtract negatives	
	Multiply and divide negatives.	
Decimals	Order decimals	
	Add and subtract decimals	
	Multiply decimal by 10, 20, 400 etc	
	Divide decimal by 10, 20, 400 etc	
	Multiply by a decimal	
Formulae	Making up formulae from words	
	Substituting numbers into a formula	
Equations	Reading equations	
	Solving equations (caterpillars)	
Numbers	Multiples	
	Factors	
	Prime numbers	
	Square numbers	
Fractions	Equivalent fractions	
	Top heavy fractions	
	Add and subtract fractions	
	Multiply fractions	
	<i>Divide fractions</i>	
	Find a fraction of an amount	

Angles and polygons	Measure angles	
	Draw angles	
	Straight line angles	
	Angles about a point	
	Acute, obtuse and reflex angles	
	Angles triangles	
	Angles in quadrilaterals	
Averages	Mode from a list	
	Median from a list	
	Mean from a list	
	Range from a list	
	<i>Find mean from a table of results</i>	
Time	12 and 24 hour clock	
	Timetables	
	Calendars	
Co-ordinates, graphs and charts	Co-ordinates	
	Tally charts	
	Pie charts	
	Scattergraphs	
	Pictograms	
	Bar chart	
	Two way tables	
Perimeter and area	Area of square, rectangle, parallelogram,	
	Area of triangle	
	Area of compound rectangles	
Volume	Volume of a box	
	Capacity measurements	
Patterns and sequences	Continue a sequence	
	Finding a formula	
	Matchstick pictures	