

GCSE Maths - Topics from Non-calculator paper

Topic numbers link directly to KESH Maths Takeaway revision materials: www.keshmaths.com/gcse-maths-takeaway-3/

Topics from first paper are highlighted. Other topics have not yet been assessed.

Grade E, F & G		Qn	Grade D		Qn	Grade C		Qn
1	Place Value		23	Factors, Multiples and Primes	10	52	Product of Prime Factors, HCF and LCM	
2	Ordering Numbers	1	24	Powers, Roots and BIDMAS		53	Using Place Value	
3	Reading Scales		25	Ordering Fractions, Decimals & Percentages		54	Negative Numbers	
4	Negative Numbers		26	Best Buys		55	Estimation	
5	Fractions of an Amount		27	Fractions: +, -, x, ÷	2	56	Utility Bills	16
6	Powers and Squareroots		28	Ratio		57	Collecting Like Terms	20
7	Fractions, Decimals and Percentages		29	Proportion Recipe Type Questions	12	58	Expanding and Factorisation	20
8	Money Problems	6, 11	30	Using a Calculator		59	Solving Equations	8
9	Shading Fractions of Rectangles		31	Exchange Rates		60	Changing the Subject of a Formula	
10	Addition and Subtraction		32	Substitution		61	Inequalities	
11	Multiplication and Division		33	Angles in Parallel Lines		62	Trial and Improvement	
12	Timetables & Distance Tables	4	34	Angles in Triangles and Quadrilaterals		63	Index Notation for Multiplication and Division	
13	Tallys and Charts		35	Angles in Polygons		64	Forming and Solving Equations	11
14	Coordinates		36	Area and Circumference of Circles		65	Sequences	
15	Angles		37	Area of Compound Shapes	9, 24	66	Drawing Straight Line Graphs	17
16	Congruent Shapes	3	38	Rotations	22	67	Solving Simultaneous Equations Graphically	
17	Perimeter, Area and Volume		39	Reflections	22	68	Drawing Quadratic Graphs	
18	Measures: Metric & Imperial		40	Enlargements		69	Distance Time Graphs	
19	2D and 3D Shapes	7	41	Translations		70	Pythagoras Theorem	
20	Mean Median Mode and Range		42	Mixed Transformations		71	Surface Area	
21	Pictograms		43	Nets Plans and Elevations		72	Volume of a Prism	19
22	Conversion Graphs	14	44	Symmetry		73	Volume and Surface Area of Cylinder	
			45	Two-Way Tables		74	Similar Shapes	
			46	Pie Charts	18	75	Compound Measures	
			47	Scatter Graphs		76	Loci and Construction	
			48	Frequency Polygons		77	Bearings	
			49	Stem and Leaf Diagrams		78	Probability and Relative Frequency	21
			50	Probability	5	79	Averages from Frequency Tables	
			51	Percentages		80	Questionnaires	15, 23
						81	Functional Maths Questions	13, 24
						82	Standard Form	