

Topic	Mathswatch	Textbook Pages	GCSE POD
Equation of a line	159ab	134	MATHS-22-003
Decimal as a fraction of another	85	42	
Percentage increase calculation	R9a	40	MATHS-10-008
Congruence	12b	318	MATHS-32-005
Standard form	83	71	MATHS-18-005
Index laws and evaluation	131	66	MATHS-10-004
Index laws	131	66	MATHS-10-004
Venn diagram criticism	127a	197	MATHS-14-001
Rates from a graph	107	141	MATHS-28-005
Fraction deduction	73	22	MATHS-09-004
Decimal deduction	66	4	MATHS-18-003
Construction in context	145c	246	MATHS-30-003/004
Area of sectors	167	284	MATHS-33-004
Tree diagram	151	375	MATHS-27-002
Expectation from a tree diagram	125	375	MATHS-27-002
Equation	135a	83	MATHS-04-001
Inverse proportion problem	199	35	MATHS-17-005
Faces of a prism	137	289	MATHS-34-004
Cubic graph	161	145	MATHS-28-004
Cumulative frequency	186	352	MATHS-16-007
Identity problem	134a	91	MATHS-07-005
Sequence	82	118	
Sequence	29	118	
Change the subject	136	80	MATHS-05-003/4
Vector geometry	219	273	MATHS-32-004
Subtracting recurring decimals	177	27	MATHS-29-003
Inequalities shown on a graph	198	113	MATHS-22-009
Algebraic fractions	210a	59	MATHS-01-009
Factorising, algebraic fractions	210a	59	MATHS-01-006
Acceleration	216a	238	MATHS-35-002
Distance from speed-time graph	216a	238	MATHS-298-009
Probability	204	371	MATHS-27-003
Graph transformation	196a	154	MATHS-28-010
Exact trig values	173	260	MATHS-24-003

Paper 2

Topic	Mathswatch	Textbook Pages	GCSE POD
Percentage to fraction	85	42	
Set notation	127b	195	MATHS-14-001
Triangular numbers	104	120	MATHS-23-003
Solution set on number line	138	110	
Equation	135b	83	MATHS-04-001
Prime number & cube number	28, 81	7	MATHS-08-002
Rate problem	20	35	
Mean problem	62	335	MATHS-25-001
Relative frequency	125	368	MATHS-26-003
Expectation	125	368	
Percentage change	108	44	MATHS-11-003
Pythagoras and area	150a	254	MATHS-24-001
Equation to percentage	85	40	
Cone & hemisphere volume	171, 169	296	MATHS-33-008
Similar volumes	201	323	MATHS-32-007
Pie chart	128a	342	
Effect of an assumption		342	
Fractional product problem	73, 76	22	MATHS-09-004
Evaluate a method	62	335	
Ratio and money problem	106	34	MATHS-17-003
Plans and solids	52	289	MATHS-30-005
Quadratic formula	191	102	MATHS-04-003
Coordinate problem	113		
Pricing rate and percentage	108	44	
Equation of a circle	197	151	MATHS-28-007
Reciprocal	76		MATHS-28-002
Factorise a quadratic	192	98	MATHS-01-005
Equation of perpendicular line	208	136	MATHS-22-005
Inverse function	214a	177	MATHS-07-007
Pressure and ratio	200a	233	MATHS-35-002
Bounds	206	14	MATHS-20-007
Angle proof	123	215	MATHS-34-005/006
Turning point by completing the square	209a	100	MATHS-01-008

Paper 3

Topic	Mathswatch	Textbook Pages	GCSE POD
Order decimals	3		MATHS-18-001
Subtraction of vectors	174	188	MATHS-13-002
Line of best fit	129	358	MATHS-25-006
Outlier	129	358	
Trigonometry	168	258	MATHS-24-002
Two way table percentage	61	342	
Roots of quadratic equation	160	143	MATHS-04-003
Turning point	160	143	
Arithmetic and geometric progressions	104	128	MATHS-23-004/005
Ratio problem	106	32	
Speed, distance, time	142	233	MATHS-35-002
Error interval	155	14	MATHS-20-006/007
Angles in a quadrilateral	10	213	MATHS-31-003
Bearings	124	244	
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Algebraic surds	207a	73	MATHS-10-006
Boxplot	187	354	MATHS-16-009
Population density	136	234	
Scale and volume of a cylinder	119	291	MATHS-32-007
Effect of an assumption	119	291	
Product rule	69	366	MATHS-19-006
Probability from product rule	59	366	MATHS-27-001
Circle theorems	183	221	MATHS-31-004/005
Derive a quadratic equation	137	89	MATHS-04-003
Solve a quadratic by factorising	157	98	MATHS-04-002
Compound interest	164	46	MATHS-10-008
Sine rule	202a	262	MATHS-24-004
Composite function	215	176	MATHS-07-007
Linear/quadratic simultaneous equations	211	108	MATHS-04-007
Exponential and quadratic graphs	194	150	MATHS-28-001/003
Histogram	205	349	MATHS-16-008
HCF	79	9	MATHS-08-004
LCM	80	9	MATHS-08-004
Multiply out three brackets	178	55	MATHS-01-003