

	Has come up and is unlikely to again		Has come up in one context, but could still come up in other contexts		Still to come up
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Number

Topics	Clip Number			
Calculating with roots and fractional indices	108, 109, 110		<u>X</u>	
Surds: Definition and estimating	111, 112		<u>X</u>	
Surds: Simplifying, multiplying and dividing	113, 114, 115		<u>X</u>	
Surds: Expanding brackets	116, 117			<u>X</u>
Surds: Rationalising the denominator	118, 119			<u>X</u>
Best buys	770			<u>X</u>

Algebra

Topics	Clip Number			
Expanding triple brackets	166			<u>X</u>
Expressions with algebraic fractions	172		<u>X</u>	
Linear equations with algebraic fractions	187			<u>X</u>
Factorising quadratic expressions: ax^2+bx+c	225, 226, 227, 228			<u>X</u>
Quadratic expressions: Algebraic fractions	229			<u>X</u>
Quadratic expressions: Completing the square	235, 236, 237			<u>X</u>
Quadratic equations: Factorising	231, 232, 233	<u>X</u>		
Quadratic equations: Quadratic formula	241, 242			<u>X</u>
Quadratic equations: Completing the square	238, 239			<u>X</u>
Quadratic equations: Algebraic fractions	244			<u>X</u>
Quadratic equations in context	245			<u>X</u>
Simultaneous equations: Quadratic/linear	246	<u>X</u>		
Equation of a straight line: Perpendicular lines	215, 216			<u>X</u>
Quadratic graphs: Turning points and discriminant	256, 243, 258			<u>X</u>
Simultaneous equations on graphs: Quadratic/linear	259, 260			<u>X</u>
Exponential graphs	302			<u>X</u>
Trigonometric graphs	303, 304, 305, 306	<u>X</u>		
Graph transformations	307, 308, 309, 310, 311, 312, 313	<u>X</u>		
Distance-time graphs	Coming soon		<u>X</u>	
Velocity-time graphs	Coming soon			<u>X</u>

Algebra (continued)

Topics	Clip Number			
Financial graphs	Coming soon			<u>X</u>
Rate of change graphs	Coming soon			<u>X</u>
Estimating gradient from a curve	Coming soon			<u>X</u>
Estimating area under a curve	Coming soon			<u>X</u>
Equation of a circle	314, 315, 316, 317, 318	<u>X</u>		
Circles and straight lines	318, 319, 320			<u>X</u>
Linear inequalities as graph regions	273, 274, 275, 276			<u>X</u>
Quadratic inequalities	277			<u>X</u>
Function notation	288, 289		<u>X</u>	
Domain and range of functions	290, 291, 292			<u>X</u>
Composite functions	293, 294		<u>X</u>	
Inverse functions	295, 296	<u>X</u>		
Functions: Problem solving	297	<u>X</u>		
Other sequences: Recurrence relations	262		<u>X</u>	
Quadratic sequences	247, 248, 249, 250			<u>X</u>
Trial and improvement*	321	<u>X</u>		
Iteration and numerical methods	322, 323			<u>X</u>
Proof and counter-examples	324			<u>X</u>
Direct algebraic proof	325, 326, 327			<u>X</u>

Ratio, proportion and rates of change

Topics	Clip Number			
Algebraic direct proportion	344, 345			<u>X</u>
Algebraic inverse proportion	347		<u>X</u>	
Exponential equations: Iterative processes	Coming soon			<u>X</u>

Geometry and measures

Topics	Clip Number			
Congruence proofs	684, 685, 686, 687, 688, 689, 690			<u>X</u>
Enlargements	646, 647	<u>X</u>		
Invariance	655			<u>X</u>
Describe combined transformations	656, 657			<u>X</u>
Circle theorems: Angles inside a circle	593, 594, 595, 596, 597			<u>X</u>
Circle theorems: Tangents and chords	598, 599, 600, 601, 602			<u>X</u>
Circle theorems multi-step	603, 604, 605, 606			<u>X</u>
Prove circle theorems	Coming soon			<u>X</u>
Compound units: Density problem solving	730, 732, 733	<u>X</u>		
Volume of frustrums	578			<u>X</u>
Volume: Problem solving	583			<u>X</u>
Similar Shapes: Area	615, 616, 617	<u>X</u>		
Similar Shapes: Volume	618, 619, 620, 621	<u>X</u>		
Pythagoras' Theorem: Problem solving	503, 504			<u>X</u>
Right-Angled trigonometry: Problem solving	513, 514		<u>X</u>	
3D Pythagoras and trigonometry	505, 506, 507			<u>X</u>
Sine rule for area	517, 518, 519			<u>X</u>
Sine rule	521, 522, 523, 524, 525		<u>X</u>	
Cosine rule	527, 528, 529, 530		<u>X</u>	
Non-right-angled trigonometry: Problem solving	532, 533		<u>X</u>	
Bearings: Sine and cosine rule	531			<u>X</u>
Vectors: Magnitude	627			<u>X</u>
Vectors: Geometry problems	628, 629, 630, 631, 632, 633, 634, 635, 636			<u>X</u>

Probability

Topics	Clip Number			
Product rule for counting	671, 672, 673			<u>X</u>
Conditional probability	364, 365, 366, 367, 389, 390			<u>X</u>
Probability from Venn diagrams	385, 386, 387, 388, 391			<u>X</u>

Statistics

Topics	Clip Number			
Quartiles and interquartile range	411, 412	<u>X</u>		
Mean from grouped frequency tables	418			<u>X</u>
Averages problems	421			<u>X</u>
Cumulative frequency diagrams	437, 438, 439	<u>X</u>		
Box plots	434, 435, 436, 440	<u>X</u>		
Frequency polygons	441		<u>X</u>	
Histograms	442, 443, 444, 445, 446, 447, 448, 449			<u>X</u>