

Topic	Skills to Revise	Clip number	Link to video tutorial and quiz	Preview quiz questions	
Place value	Read & write positive integers	13	<a href="https://hegartymaths.com/read-write-positive-integers">https://hegartymaths.com/read-write-positive-integers</a>	<a href="https://hegartymaths.com/skills/13/preview">https://hegartymaths.com/skills/13/preview</a>	
	Compare positive integers	14	<a href="https://hegartymaths.com/compare-positive-integers">https://hegartymaths.com/compare-positive-integers</a>	<a href="https://hegartymaths.com/skills/14/preview">https://hegartymaths.com/skills/14/preview</a>	
	Multiply by powers of 10	15	<a href="https://hegartymaths.com/multiply-by-powers-of-10">https://hegartymaths.com/multiply-by-powers-of-10</a>	<a href="https://hegartymaths.com/skills/15/preview">https://hegartymaths.com/skills/15/preview</a>	
	Divide by powers of 10	16	<a href="https://hegartymaths.com/divide-by-powers-of-10">https://hegartymaths.com/divide-by-powers-of-10</a>	<a href="https://hegartymaths.com/skills/16/preview">https://hegartymaths.com/skills/16/preview</a>	
	Round numbers to the nearest 10, 100, 1000	17	<a href="https://hegartymaths.com/round-numbers-to-the-nearest-10-100-1000">https://hegartymaths.com/round-numbers-to-the-nearest-10-100-1000</a>	<a href="https://hegartymaths.com/skills/17/preview">https://hegartymaths.com/skills/17/preview</a>	
Operations with positive integers	Addition	18	<a href="https://hegartymaths.com/addition">https://hegartymaths.com/addition</a>	<a href="https://hegartymaths.com/skills/18/preview">https://hegartymaths.com/skills/18/preview</a>	
	Subtraction	19	<a href="https://hegartymaths.com/subtraction">https://hegartymaths.com/subtraction</a>	<a href="https://hegartymaths.com/skills/19/preview">https://hegartymaths.com/skills/19/preview</a>	
	Addition & subtraction (worded problems)	20	<a href="https://hegartymaths.com/addition-subtraction-worded-problems">https://hegartymaths.com/addition-subtraction-worded-problems</a>	<a href="https://hegartymaths.com/skills/20/preview">https://hegartymaths.com/skills/20/preview</a>	
	Long multiplication	21	<a href="https://hegartymaths.com/long-multiplication">https://hegartymaths.com/long-multiplication</a>	<a href="https://hegartymaths.com/skills/21/preview">https://hegartymaths.com/skills/21/preview</a>	
	Short division	22	<a href="https://hegartymaths.com/short-division">https://hegartymaths.com/short-division</a>	<a href="https://hegartymaths.com/skills/22/preview">https://hegartymaths.com/skills/22/preview</a>	
	Multiplication & division (worded problems)	23	<a href="https://hegartymaths.com/multiplication-division-worded-problems">https://hegartymaths.com/multiplication-division-worded-problems</a>	<a href="https://hegartymaths.com/skills/23/preview">https://hegartymaths.com/skills/23/preview</a>	
	Knowing order of operations	24	<a href="https://hegartymaths.com/order-of-operations-1-positive-integers">https://hegartymaths.com/order-of-operations-1-positive-integers</a>	<a href="https://hegartymaths.com/skills/24/preview">https://hegartymaths.com/skills/24/preview</a>	
Properties of positive integers	Odd & even numbers	25	<a href="https://hegartymaths.com/odd-even-numbers">https://hegartymaths.com/odd-even-numbers</a>	<a href="https://hegartymaths.com/skills/25/preview">https://hegartymaths.com/skills/25/preview</a>	
	Divisibility tests	26	<a href="https://hegartymaths.com/divisibility-tests">https://hegartymaths.com/divisibility-tests</a>	<a href="https://hegartymaths.com/skills/26/preview">https://hegartymaths.com/skills/26/preview</a>	
	Factors of a number	27	<a href="https://hegartymaths.com/factors-of-a-number">https://hegartymaths.com/factors-of-a-number</a>	<a href="https://hegartymaths.com/skills/27/preview">https://hegartymaths.com/skills/27/preview</a>	
	Prime numbers	28	<a href="https://hegartymaths.com/prime-numbers">https://hegartymaths.com/prime-numbers</a>	<a href="https://hegartymaths.com/skills/28/preview">https://hegartymaths.com/skills/28/preview</a>	
	Prime factorisation		29	<a href="https://hegartymaths.com/prime-factorisation-1">https://hegartymaths.com/prime-factorisation-1</a>	<a href="https://hegartymaths.com/skills/29/preview">https://hegartymaths.com/skills/29/preview</a>
			30	<a href="https://hegartymaths.com/prime-factorisation-2">https://hegartymaths.com/prime-factorisation-2</a>	<a href="https://hegartymaths.com/skills/30/preview">https://hegartymaths.com/skills/30/preview</a>
	Find highest common factor by listing	31	<a href="https://hegartymaths.com/highest-common-factor-listing">https://hegartymaths.com/highest-common-factor-listing</a>	<a href="https://hegartymaths.com/skills/31/preview">https://hegartymaths.com/skills/31/preview</a>	
	Find highest common factor using prime factorisation	32	<a href="https://hegartymaths.com/highest-common-factor-prime-factorisation">https://hegartymaths.com/highest-common-factor-prime-factorisation</a>	<a href="https://hegartymaths.com/skills/32/preview">https://hegartymaths.com/skills/32/preview</a>	
	Multiples of a number	33	<a href="https://hegartymaths.com/multiple-of-a-number">https://hegartymaths.com/multiple-of-a-number</a>	<a href="https://hegartymaths.com/skills/33/preview">https://hegartymaths.com/skills/33/preview</a>	
	Find lowest common multiple by listing	34	<a href="https://hegartymaths.com/lowest-common-multiple-listing">https://hegartymaths.com/lowest-common-multiple-listing</a>	<a href="https://hegartymaths.com/skills/34/preview">https://hegartymaths.com/skills/34/preview</a>	
	Find lowest common multiple by prime factorisation	35	<a href="https://hegartymaths.com/lowest-common-multiple-prime-factorisation">https://hegartymaths.com/lowest-common-multiple-prime-factorisation</a>	<a href="https://hegartymaths.com/skills/35/preview">https://hegartymaths.com/skills/35/preview</a>	
LCM (worded problems)	36	<a href="https://hegartymaths.com/lcm-worded-problems">https://hegartymaths.com/lcm-worded-problems</a>	<a href="https://hegartymaths.com/skills/36/preview">https://hegartymaths.com/skills/36/preview</a>		
Negative numbers	Compare negative numbers	37	<a href="https://hegartymaths.com/compare-negative-numbers">https://hegartymaths.com/compare-negative-numbers</a>	<a href="https://hegartymaths.com/skills/37/preview">https://hegartymaths.com/skills/37/preview</a>	
	Symmetry of subtraction		38	<a href="https://hegartymaths.com/symmetry-of-subtraction">https://hegartymaths.com/symmetry-of-subtraction</a>	<a href="https://hegartymaths.com/skills/38/preview">https://hegartymaths.com/skills/38/preview</a>
			39	<a href="https://hegartymaths.com/adding-negative-numbers">https://hegartymaths.com/adding-negative-numbers</a>	<a href="https://hegartymaths.com/skills/39/preview">https://hegartymaths.com/skills/39/preview</a>
	Adding and subtracting with negative numbers		40	<a href="https://hegartymaths.com/subtracting-negative-numbers">https://hegartymaths.com/subtracting-negative-numbers</a>	<a href="https://hegartymaths.com/skills/40/preview">https://hegartymaths.com/skills/40/preview</a>
			41	<a href="https://hegartymaths.com/adding-subtracting-positive-negative-numbers">https://hegartymaths.com/adding-subtracting-positive-negative-numbers</a>	<a href="https://hegartymaths.com/skills/41/preview">https://hegartymaths.com/skills/41/preview</a>
	Multiplying positive & negative numbers	42	<a href="https://hegartymaths.com/multiplying-positive-negative-numbers">https://hegartymaths.com/multiplying-positive-negative-numbers</a>	<a href="https://hegartymaths.com/skills/42/preview">https://hegartymaths.com/skills/42/preview</a>	
	Dividing positive & negative numbers	43	<a href="https://hegartymaths.com/dividing-positive-negative-numbers">https://hegartymaths.com/dividing-positive-negative-numbers</a>	<a href="https://hegartymaths.com/skills/43/preview">https://hegartymaths.com/skills/43/preview</a>	
Know order of operations with negative numbers	44	<a href="https://hegartymaths.com/order-of-operations-2-negative-numbers">https://hegartymaths.com/order-of-operations-2-negative-numbers</a>	<a href="https://hegartymaths.com/skills/44/preview">https://hegartymaths.com/skills/44/preview</a>		
Decimals	Read & write with decimal numbers	45	<a href="https://hegartymaths.com/read-write-decimal-numbers">https://hegartymaths.com/read-write-decimal-numbers</a>	<a href="https://hegartymaths.com/skills/45/preview">https://hegartymaths.com/skills/45/preview</a>	
	Compare decimal numbers	46	<a href="https://hegartymaths.com/compare-decimal-numbers">https://hegartymaths.com/compare-decimal-numbers</a>	<a href="https://hegartymaths.com/skills/46/preview">https://hegartymaths.com/skills/46/preview</a>	
	Addition & subtraction with decimals	47	<a href="https://hegartymaths.com/addition-subtraction-with-decimals">https://hegartymaths.com/addition-subtraction-with-decimals</a>	<a href="https://hegartymaths.com/skills/47/preview">https://hegartymaths.com/skills/47/preview</a>	
	Multiplication with decimals	48	<a href="https://hegartymaths.com/multiplication-with-decimals">https://hegartymaths.com/multiplication-with-decimals</a>	<a href="https://hegartymaths.com/skills/48/preview">https://hegartymaths.com/skills/48/preview</a>	
	Division with decimal answers	49	<a href="https://hegartymaths.com/division-with-decimal-answers">https://hegartymaths.com/division-with-decimal-answers</a>	<a href="https://hegartymaths.com/skills/49/preview">https://hegartymaths.com/skills/49/preview</a>	
	Division of decimals	50	<a href="https://hegartymaths.com/division-of-decimals">https://hegartymaths.com/division-of-decimals</a>	<a href="https://hegartymaths.com/skills/50/preview">https://hegartymaths.com/skills/50/preview</a>	
	Worded problems involving decimals	51	<a href="https://hegartymaths.com/worded-problems-involving-decimals">https://hegartymaths.com/worded-problems-involving-decimals</a>	<a href="https://hegartymaths.com/skills/51/preview">https://hegartymaths.com/skills/51/preview</a>	
	Convert simple decimals to fractions	52	<a href="https://hegartymaths.com/convert-simple-decimals-to-fractions">https://hegartymaths.com/convert-simple-decimals-to-fractions</a>	<a href="https://hegartymaths.com/skills/52/preview">https://hegartymaths.com/skills/52/preview</a>	
	Convert simple decimals to percentages	55	<a href="https://hegartymaths.com/convert-simple-decimals-to-percentages">https://hegartymaths.com/convert-simple-decimals-to-percentages</a>	<a href="https://hegartymaths.com/skills/55/preview">https://hegartymaths.com/skills/55/preview</a>	
Round decimal numbers	56	<a href="https://hegartymaths.com/round-decimal-numbers">https://hegartymaths.com/round-decimal-numbers</a>	<a href="https://hegartymaths.com/skills/56/preview">https://hegartymaths.com/skills/56/preview</a>		
Fractions	Understand the concept of a fraction	57	<a href="https://hegartymaths.com/what-is-a-fraction">https://hegartymaths.com/what-is-a-fraction</a>	<a href="https://hegartymaths.com/skills/57/preview">https://hegartymaths.com/skills/57/preview</a>	
		58	<a href="https://hegartymaths.com/fractions-as-pictures">https://hegartymaths.com/fractions-as-pictures</a>	<a href="https://hegartymaths.com/skills/58/preview">https://hegartymaths.com/skills/58/preview</a>	
	Generate equivalent fractions	59	<a href="https://hegartymaths.com/generate-equivalent-fractions">https://hegartymaths.com/generate-equivalent-fractions</a>	<a href="https://hegartymaths.com/skills/59/preview">https://hegartymaths.com/skills/59/preview</a>	
	Compare fractions	60	<a href="https://hegartymaths.com/compare-fractions">https://hegartymaths.com/compare-fractions</a>	<a href="https://hegartymaths.com/skills/60/preview">https://hegartymaths.com/skills/60/preview</a>	

Fractions	Simplify fractions	61	<a href="https://hegartymaths.com/simplify-fractions">https://hegartymaths.com/simplify-fractions</a>	<a href="https://hegartymaths.com/skills/61/preview">https://hegartymaths.com/skills/61/preview</a>
	Express one number as a fraction of another	62	<a href="https://hegartymaths.com/express-one-number-as-a-fraction-of-another">https://hegartymaths.com/express-one-number-as-a-fraction-of-another</a>	<a href="https://hegartymaths.com/skills/62/preview">https://hegartymaths.com/skills/62/preview</a>
	Improper fractions to mixed numbers	63	<a href="https://hegartymaths.com/improper-fractions-to-mixed-numbers">https://hegartymaths.com/improper-fractions-to-mixed-numbers</a>	<a href="https://hegartymaths.com/skills/63/preview">https://hegartymaths.com/skills/63/preview</a>
	Mixed numbers to improper fractions	64	<a href="https://hegartymaths.com/mixed-numbers-to-improper-fractions">https://hegartymaths.com/mixed-numbers-to-improper-fractions</a>	<a href="https://hegartymaths.com/skills/64/preview">https://hegartymaths.com/skills/64/preview</a>
	Add or subtract fractions (same denominator)	65	<a href="https://hegartymaths.com/add-or-subtract-fractions-same-denominator">https://hegartymaths.com/add-or-subtract-fractions-same-denominator</a>	<a href="https://hegartymaths.com/skills/65/preview">https://hegartymaths.com/skills/65/preview</a>
	Add or subtract fractions (different denominator)	66	<a href="https://hegartymaths.com/add-or-subtract-fractions-different-denominator">https://hegartymaths.com/add-or-subtract-fractions-different-denominator</a>	<a href="https://hegartymaths.com/skills/66/preview">https://hegartymaths.com/skills/66/preview</a>
	Multiply whole number by fractions	67	<a href="https://hegartymaths.com/multiply-whole-number-by-fractions">https://hegartymaths.com/multiply-whole-number-by-fractions</a>	<a href="https://hegartymaths.com/skills/67/preview">https://hegartymaths.com/skills/67/preview</a>
	Multiplying fractions	68	<a href="https://hegartymaths.com/multiplying-fractions-1">https://hegartymaths.com/multiplying-fractions-1</a>	<a href="https://hegartymaths.com/skills/68/preview">https://hegartymaths.com/skills/68/preview</a>
		69	<a href="https://hegartymaths.com/multiplying-fractions-2">https://hegartymaths.com/multiplying-fractions-2</a>	<a href="https://hegartymaths.com/skills/69/preview">https://hegartymaths.com/skills/69/preview</a>
	Dividing fractions	70	<a href="https://hegartymaths.com/dividing-fractions">https://hegartymaths.com/dividing-fractions</a>	<a href="https://hegartymaths.com/skills/70/preview">https://hegartymaths.com/skills/70/preview</a>
	Reciprocal of fractions	71	<a href="https://hegartymaths.com/reciprocal-of-fractions">https://hegartymaths.com/reciprocal-of-fractions</a>	<a href="https://hegartymaths.com/skills/71/preview">https://hegartymaths.com/skills/71/preview</a>
	Linking multiplying/dividing fractions & whole numbers	72	<a href="https://hegartymaths.com/linking-multiplyingdividing-fractions-whole-numbers">https://hegartymaths.com/linking-multiplyingdividing-fractions-whole-numbers</a>	<a href="https://hegartymaths.com/skills/72/preview">https://hegartymaths.com/skills/72/preview</a>
	Convert fractions to decimals 1	73	<a href="https://hegartymaths.com/convert-fractions-to-decimals-1">https://hegartymaths.com/convert-fractions-to-decimals-1</a>	<a href="https://hegartymaths.com/skills/73/preview">https://hegartymaths.com/skills/73/preview</a>
		74	<a href="https://hegartymaths.com/convert-fractions-to-decimals-2">https://hegartymaths.com/convert-fractions-to-decimals-2</a>	<a href="https://hegartymaths.com/skills/74/preview">https://hegartymaths.com/skills/74/preview</a>
	Convert fractions to percentages 1	75	<a href="https://hegartymaths.com/convert-fractions-to-percentages-1">https://hegartymaths.com/convert-fractions-to-percentages-1</a>	<a href="https://hegartymaths.com/skills/75/preview">https://hegartymaths.com/skills/75/preview</a>
		76	<a href="https://hegartymaths.com/convert-fractions-to-percentages-2">https://hegartymaths.com/convert-fractions-to-percentages-2</a>	<a href="https://hegartymaths.com/skills/76/preview">https://hegartymaths.com/skills/76/preview</a>
	Fractions of an amount	77	<a href="https://hegartymaths.com/fractions-of-an-amount">https://hegartymaths.com/fractions-of-an-amount</a>	<a href="https://hegartymaths.com/skills/77/preview">https://hegartymaths.com/skills/77/preview</a>
	Increase/decrease by a fraction	78	<a href="https://hegartymaths.com/increasedecrease-by-a-fraction">https://hegartymaths.com/increasedecrease-by-a-fraction</a>	<a href="https://hegartymaths.com/skills/78/preview">https://hegartymaths.com/skills/78/preview</a>
	Reverse fraction problems	79	<a href="https://hegartymaths.com/reverse-fraction-problems">https://hegartymaths.com/reverse-fraction-problems</a>	<a href="https://hegartymaths.com/skills/79/preview">https://hegartymaths.com/skills/79/preview</a>
	Fractions (worded problems)	80	<a href="https://hegartymaths.com/fractions-worded-problems">https://hegartymaths.com/fractions-worded-problems</a>	<a href="https://hegartymaths.com/skills/80/preview">https://hegartymaths.com/skills/80/preview</a>
Percentages	Percentages as pictures	81	<a href="https://hegartymaths.com/percentages-as-pictures">https://hegartymaths.com/percentages-as-pictures</a>	<a href="https://hegartymaths.com/skills/81/preview">https://hegartymaths.com/skills/81/preview</a>
	Convert percentages to fractions	82	<a href="https://hegartymaths.com/convert-percentages-to-fractions">https://hegartymaths.com/convert-percentages-to-fractions</a>	<a href="https://hegartymaths.com/skills/82/preview">https://hegartymaths.com/skills/82/preview</a>
	Convert percentages to decimals	83	<a href="https://hegartymaths.com/convert-percentages-to-decimals">https://hegartymaths.com/convert-percentages-to-decimals</a>	<a href="https://hegartymaths.com/skills/83/preview">https://hegartymaths.com/skills/83/preview</a>
	Find percentages of amounts	84	<a href="https://hegartymaths.com/find-percentages-of-amounts-1-common-non-calc">https://hegartymaths.com/find-percentages-of-amounts-1-common-non-calc</a>	<a href="https://hegartymaths.com/skills/84/preview">https://hegartymaths.com/skills/84/preview</a>
		85	<a href="https://hegartymaths.com/find-percentages-of-amounts-2-using-10-non-calc">https://hegartymaths.com/find-percentages-of-amounts-2-using-10-non-calc</a>	<a href="https://hegartymaths.com/skills/85/preview">https://hegartymaths.com/skills/85/preview</a>
		86	<a href="https://hegartymaths.com/find-percentages-of-amounts-3-using-decimals-non-calc">https://hegartymaths.com/find-percentages-of-amounts-3-using-decimals-non-calc</a>	<a href="https://hegartymaths.com/skills/86/preview">https://hegartymaths.com/skills/86/preview</a>
		87	<a href="https://hegartymaths.com/find-percentages-of-amounts-4-using-calculator">https://hegartymaths.com/find-percentages-of-amounts-4-using-calculator</a>	<a href="https://hegartymaths.com/skills/87/preview">https://hegartymaths.com/skills/87/preview</a>
	Percentage increase or decrease (non-calc)	88	<a href="https://hegartymaths.com/percentage-increase-or-decrease-non-calc">https://hegartymaths.com/percentage-increase-or-decrease-non-calc</a>	<a href="https://hegartymaths.com/skills/88/preview">https://hegartymaths.com/skills/88/preview</a>
	Percentage/decimal multipliers	89	<a href="https://hegartymaths.com/percentagedecimal-multipliers">https://hegartymaths.com/percentagedecimal-multipliers</a>	<a href="https://hegartymaths.com/skills/89/preview">https://hegartymaths.com/skills/89/preview</a>
	Percentage increase or decrease	90	<a href="https://hegartymaths.com/percentage-increase-or-decrease">https://hegartymaths.com/percentage-increase-or-decrease</a>	<a href="https://hegartymaths.com/skills/90/preview">https://hegartymaths.com/skills/90/preview</a>
	Simple interest	93	<a href="https://hegartymaths.com/simple-interest">https://hegartymaths.com/simple-interest</a>	<a href="https://hegartymaths.com/skills/93/preview">https://hegartymaths.com/skills/93/preview</a>
	Compound interest	94	<a href="https://hegartymaths.com/compound-interest">https://hegartymaths.com/compound-interest</a>	<a href="https://hegartymaths.com/skills/94/preview">https://hegartymaths.com/skills/94/preview</a>
	Depreciation	95	<a href="https://hegartymaths.com/depreciation">https://hegartymaths.com/depreciation</a>	<a href="https://hegartymaths.com/skills/95/preview">https://hegartymaths.com/skills/95/preview</a>
Reverse percentages	96	<a href="https://hegartymaths.com/reverse-percentages">https://hegartymaths.com/reverse-percentages</a>	<a href="https://hegartymaths.com/skills/96/preview">https://hegartymaths.com/skills/96/preview</a>	
Calculate a percentage change	97	<a href="https://hegartymaths.com/percentage-change">https://hegartymaths.com/percentage-change</a>	<a href="https://hegartymaths.com/skills/97/preview">https://hegartymaths.com/skills/97/preview</a>	
Percentages (worded problems)	98	<a href="https://hegartymaths.com/percentages-worded-problems">https://hegartymaths.com/percentages-worded-problems</a>	<a href="https://hegartymaths.com/skills/98/preview">https://hegartymaths.com/skills/98/preview</a>	
Indices, powers & roots	Square numbers	99	<a href="https://hegartymaths.com/square-numbers">https://hegartymaths.com/square-numbers</a>	<a href="https://hegartymaths.com/skills/99/preview">https://hegartymaths.com/skills/99/preview</a>
	Cube numbers	100	<a href="https://hegartymaths.com/cube-numbers">https://hegartymaths.com/cube-numbers</a>	<a href="https://hegartymaths.com/skills/100/preview">https://hegartymaths.com/skills/100/preview</a>
	Square & cube roots	101	<a href="https://hegartymaths.com/square-cube-roots">https://hegartymaths.com/square-cube-roots</a>	<a href="https://hegartymaths.com/skills/101/preview">https://hegartymaths.com/skills/101/preview</a>
		102	<a href="https://hegartymaths.com/index-form-1-intro">https://hegartymaths.com/index-form-1-intro</a>	<a href="https://hegartymaths.com/skills/102/preview">https://hegartymaths.com/skills/102/preview</a>
	Use rules for index form	103	<a href="https://hegartymaths.com/index-form-2-power-of-0-1">https://hegartymaths.com/index-form-2-power-of-0-1</a>	<a href="https://hegartymaths.com/skills/103/preview">https://hegartymaths.com/skills/103/preview</a>
		104	<a href="https://hegartymaths.com/index-form-3-power-of-negative-integers">https://hegartymaths.com/index-form-3-power-of-negative-integers</a>	<a href="https://hegartymaths.com/skills/104/preview">https://hegartymaths.com/skills/104/preview</a>
		105	<a href="https://hegartymaths.com/index-form-4-multiplying-indices">https://hegartymaths.com/index-form-4-multiplying-indices</a>	<a href="https://hegartymaths.com/skills/105/preview">https://hegartymaths.com/skills/105/preview</a>
		106	<a href="https://hegartymaths.com/index-form-5-dividing-indices">https://hegartymaths.com/index-form-5-dividing-indices</a>	<a href="https://hegartymaths.com/skills/106/preview">https://hegartymaths.com/skills/106/preview</a>
	107	<a href="https://hegartymaths.com/index-form-6-power-of-power-rule">https://hegartymaths.com/index-form-6-power-of-power-rule</a>	<a href="https://hegartymaths.com/skills/107/preview">https://hegartymaths.com/skills/107/preview</a>	
	Estimating roots	112	<a href="https://hegartymaths.com/estimating-a-surd-value">https://hegartymaths.com/estimating-a-surd-value</a>	<a href="https://hegartymaths.com/skills/112/preview">https://hegartymaths.com/skills/112/preview</a>
Powers of 10	121	<a href="https://hegartymaths.com/powers-of-10">https://hegartymaths.com/powers-of-10</a>	<a href="https://hegartymaths.com/skills/121/preview">https://hegartymaths.com/skills/121/preview</a>	
	122	<a href="https://hegartymaths.com/ordinary-to-standard-form">https://hegartymaths.com/ordinary-to-standard-form</a>	<a href="https://hegartymaths.com/skills/122/preview">https://hegartymaths.com/skills/122/preview</a>	
Using standard form	123	<a href="https://hegartymaths.com/standard-form-to-ordinary">https://hegartymaths.com/standard-form-to-ordinary</a>	<a href="https://hegartymaths.com/skills/123/preview">https://hegartymaths.com/skills/123/preview</a>	

Standard form		124	<a href="https://hegartymaths.com/adjusting-to-correct-standard-form">https://hegartymaths.com/adjusting-to-correct-standard-form</a>	<a href="https://hegartymaths.com/skills/124/preview">https://hegartymaths.com/skills/124/preview</a>
	Multiplying with standard form	125	<a href="https://hegartymaths.com/multiplying-with-standard-form">https://hegartymaths.com/multiplying-with-standard-form</a>	<a href="https://hegartymaths.com/skills/125/preview">https://hegartymaths.com/skills/125/preview</a>
	Dividing with standard form	126	<a href="https://hegartymaths.com/dividing-with-standard-form">https://hegartymaths.com/dividing-with-standard-form</a>	<a href="https://hegartymaths.com/skills/126/preview">https://hegartymaths.com/skills/126/preview</a>
	Adding & subtracting with standard form	127	<a href="https://hegartymaths.com/adding-subtracting-with-standard-form">https://hegartymaths.com/adding-subtracting-with-standard-form</a>	<a href="https://hegartymaths.com/skills/127/preview">https://hegartymaths.com/skills/127/preview</a>
	Using a calculator with standard form	128	<a href="https://hegartymaths.com/using-a-calculator-with-standard-form">https://hegartymaths.com/using-a-calculator-with-standard-form</a>	<a href="https://hegartymaths.com/skills/128/preview">https://hegartymaths.com/skills/128/preview</a>
Estimation	Complex calculations using a calculator	129	<a href="https://hegartymaths.com/complex-calculations-using-a-calculator">https://hegartymaths.com/complex-calculations-using-a-calculator</a>	<a href="https://hegartymaths.com/skills/129/preview">https://hegartymaths.com/skills/129/preview</a>
	Round to significant figures	130	<a href="https://hegartymaths.com/round-to-significant-figures">https://hegartymaths.com/round-to-significant-figures</a>	<a href="https://hegartymaths.com/skills/130/preview">https://hegartymaths.com/skills/130/preview</a>
	Estimate complex calculations	131	<a href="https://hegartymaths.com/estimate-complex-calculations">https://hegartymaths.com/estimate-complex-calculations</a>	<a href="https://hegartymaths.com/skills/131/preview">https://hegartymaths.com/skills/131/preview</a>
	Appropriate degrees of accuracy	132	<a href="https://hegartymaths.com/appropriate-degrees-of-accuracy">https://hegartymaths.com/appropriate-degrees-of-accuracy</a>	<a href="https://hegartymaths.com/skills/132/preview">https://hegartymaths.com/skills/132/preview</a>
	Round numbers in standard form	133	<a href="https://hegartymaths.com/round-numbers-in-standard-form">https://hegartymaths.com/round-numbers-in-standard-form</a>	<a href="https://hegartymaths.com/skills/133/preview">https://hegartymaths.com/skills/133/preview</a>
	Truncation	134	<a href="https://hegartymaths.com/truncation">https://hegartymaths.com/truncation</a>	<a href="https://hegartymaths.com/skills/134/preview">https://hegartymaths.com/skills/134/preview</a>
	Use multiplication and division facts to answer related questions	135	<a href="https://hegartymaths.com/related-calculations-1">https://hegartymaths.com/related-calculations-1</a>	<a href="https://hegartymaths.com/skills/135/preview">https://hegartymaths.com/skills/135/preview</a>
		136	<a href="https://hegartymaths.com/related-calculations-2">https://hegartymaths.com/related-calculations-2</a>	<a href="https://hegartymaths.com/skills/136/preview">https://hegartymaths.com/skills/136/preview</a>
Number sense	Lattice method for multiplication	143	<a href="https://hegartymaths.com/lattice-method-for-multiplication">https://hegartymaths.com/lattice-method-for-multiplication</a>	<a href="https://hegartymaths.com/skills/143/preview">https://hegartymaths.com/skills/143/preview</a>
	Short multiplication	144	<a href="https://hegartymaths.com/short-multiplication">https://hegartymaths.com/short-multiplication</a>	<a href="https://hegartymaths.com/skills/144/preview">https://hegartymaths.com/skills/144/preview</a>
	Long division	145	<a href="https://hegartymaths.com/long-division">https://hegartymaths.com/long-division</a>	<a href="https://hegartymaths.com/skills/145/preview">https://hegartymaths.com/skills/145/preview</a>
	Division using steps	146	<a href="https://hegartymaths.com/division-using-steps">https://hegartymaths.com/division-using-steps</a>	<a href="https://hegartymaths.com/skills/146/preview">https://hegartymaths.com/skills/146/preview</a>
Introduction to algebra	Forming algebraic expressions	151	<a href="https://hegartymaths.com/writing-algebraic-expressions-1">https://hegartymaths.com/writing-algebraic-expressions-1</a>	<a href="https://hegartymaths.com/skills/151/preview">https://hegartymaths.com/skills/151/preview</a>
		152	<a href="https://hegartymaths.com/writing-algebraic-expressions-2">https://hegartymaths.com/writing-algebraic-expressions-2</a>	<a href="https://hegartymaths.com/skills/152/preview">https://hegartymaths.com/skills/152/preview</a>
		153	<a href="https://hegartymaths.com/writing-algebraic-expressions-3-in-context">https://hegartymaths.com/writing-algebraic-expressions-3-in-context</a>	<a href="https://hegartymaths.com/skills/153/preview">https://hegartymaths.com/skills/153/preview</a>
	Recognise expressions, equations, identities & formulae	154	<a href="https://hegartymaths.com/expressions-equations-identities-formulae">https://hegartymaths.com/expressions-equations-identities-formulae</a>	<a href="https://hegartymaths.com/skills/154/preview">https://hegartymaths.com/skills/154/preview</a>
	Writing formulae & simple substitution	155	<a href="https://hegartymaths.com/writing-formulae-simple-substitution">https://hegartymaths.com/writing-formulae-simple-substitution</a>	<a href="https://hegartymaths.com/skills/155/preview">https://hegartymaths.com/skills/155/preview</a>
Manipulating expressions	Collecting like terms	156	<a href="https://hegartymaths.com/collecting-like-terms-1">https://hegartymaths.com/collecting-like-terms-1</a>	<a href="https://hegartymaths.com/skills/156/preview">https://hegartymaths.com/skills/156/preview</a>
		157	<a href="https://hegartymaths.com/collecting-like-terms-2">https://hegartymaths.com/collecting-like-terms-2</a>	<a href="https://hegartymaths.com/skills/157/preview">https://hegartymaths.com/skills/157/preview</a>
	Simplifying expressions involving multiplication	158	<a href="https://hegartymaths.com/simplifying-expressions-involving-multiplication">https://hegartymaths.com/simplifying-expressions-involving-multiplication</a>	<a href="https://hegartymaths.com/skills/158/preview">https://hegartymaths.com/skills/158/preview</a>
	Simplifying expressions involving division	159	<a href="https://hegartymaths.com/simplifying-expressions-involving-division">https://hegartymaths.com/simplifying-expressions-involving-division</a>	<a href="https://hegartymaths.com/skills/159/preview">https://hegartymaths.com/skills/159/preview</a>
	Expand a single bracket	160	<a href="https://hegartymaths.com/expand-a-single-bracket">https://hegartymaths.com/expand-a-single-bracket</a>	<a href="https://hegartymaths.com/skills/160/preview">https://hegartymaths.com/skills/160/preview</a>
	Expand two single brackets & simplify	161	<a href="https://hegartymaths.com/expand-two-single-brackets-simplify">https://hegartymaths.com/expand-two-single-brackets-simplify</a>	<a href="https://hegartymaths.com/skills/161/preview">https://hegartymaths.com/skills/161/preview</a>
		162	<a href="https://hegartymaths.com/expand-double-brackets-1">https://hegartymaths.com/expand-double-brackets-1</a>	<a href="https://hegartymaths.com/skills/162/preview">https://hegartymaths.com/skills/162/preview</a>
	Expand double brackets	163	<a href="https://hegartymaths.com/expand-double-brackets-2">https://hegartymaths.com/expand-double-brackets-2</a>	<a href="https://hegartymaths.com/skills/163/preview">https://hegartymaths.com/skills/163/preview</a>
		164	<a href="https://hegartymaths.com/expand-double-brackets-3">https://hegartymaths.com/expand-double-brackets-3</a>	<a href="https://hegartymaths.com/skills/164/preview">https://hegartymaths.com/skills/164/preview</a>
	Expand brackets (difference of two squares)	165	<a href="https://hegartymaths.com/expand-brackets-difference-of-two-squares">https://hegartymaths.com/expand-brackets-difference-of-two-squares</a>	<a href="https://hegartymaths.com/skills/165/preview">https://hegartymaths.com/skills/165/preview</a>
	Factorise simple expressions	168	<a href="https://hegartymaths.com/factorise-simple-expressions-1">https://hegartymaths.com/factorise-simple-expressions-1</a>	<a href="https://hegartymaths.com/skills/168/preview">https://hegartymaths.com/skills/168/preview</a>
		169	<a href="https://hegartymaths.com/factorise-simple-expressions-2">https://hegartymaths.com/factorise-simple-expressions-2</a>	<a href="https://hegartymaths.com/skills/169/preview">https://hegartymaths.com/skills/169/preview</a>
Simplifying expressions by factorising	170	<a href="https://hegartymaths.com/simplifying-expressions-by-factorising-1">https://hegartymaths.com/simplifying-expressions-by-factorising-1</a>	<a href="https://hegartymaths.com/skills/170/preview">https://hegartymaths.com/skills/170/preview</a>	
		171	<a href="https://hegartymaths.com/simplifying-expressions-by-factorising-2">https://hegartymaths.com/simplifying-expressions-by-factorising-2</a>	<a href="https://hegartymaths.com/skills/171/preview">https://hegartymaths.com/skills/171/preview</a>
Linear equations	Forming equations	176	<a href="https://hegartymaths.com/forming-equations">https://hegartymaths.com/forming-equations</a>	<a href="https://hegartymaths.com/skills/176/preview">https://hegartymaths.com/skills/176/preview</a>
		177	<a href="https://hegartymaths.com/solve-equations-using-inverse-operations">https://hegartymaths.com/solve-equations-using-inverse-operations</a>	<a href="https://hegartymaths.com/skills/177/preview">https://hegartymaths.com/skills/177/preview</a>
		178	<a href="https://hegartymaths.com/solve-1-step-equations-balance-method">https://hegartymaths.com/solve-1-step-equations-balance-method</a>	<a href="https://hegartymaths.com/skills/178/preview">https://hegartymaths.com/skills/178/preview</a>
		179	<a href="https://hegartymaths.com/solve-2-step-equations-involving-multiplication">https://hegartymaths.com/solve-2-step-equations-involving-multiplication</a>	<a href="https://hegartymaths.com/skills/179/preview">https://hegartymaths.com/skills/179/preview</a>
	Solve equations where the subject appears once	180	<a href="https://hegartymaths.com/solve-2-step-equations-involving-division">https://hegartymaths.com/solve-2-step-equations-involving-division</a>	<a href="https://hegartymaths.com/skills/180/preview">https://hegartymaths.com/skills/180/preview</a>
		181	<a href="https://hegartymaths.com/solve-2-step-equations-x-on-denominator">https://hegartymaths.com/solve-2-step-equations-x-on-denominator</a>	<a href="https://hegartymaths.com/skills/181/preview">https://hegartymaths.com/skills/181/preview</a>
		182	<a href="https://hegartymaths.com/solve-2-step-equations-x-negative">https://hegartymaths.com/solve-2-step-equations-x-negative</a>	<a href="https://hegartymaths.com/skills/182/preview">https://hegartymaths.com/skills/182/preview</a>
		183	<a href="https://hegartymaths.com/solve-3-step-equations">https://hegartymaths.com/solve-3-step-equations</a>	<a href="https://hegartymaths.com/skills/183/preview">https://hegartymaths.com/skills/183/preview</a>
		184	<a href="https://hegartymaths.com/solve-equations-with-x-on-both-sides-1">https://hegartymaths.com/solve-equations-with-x-on-both-sides-1</a>	<a href="https://hegartymaths.com/skills/184/preview">https://hegartymaths.com/skills/184/preview</a>
	Solve equations where the subject appears more than once	185	<a href="https://hegartymaths.com/solve-equations-with-x-on-both-sides-2">https://hegartymaths.com/solve-equations-with-x-on-both-sides-2</a>	<a href="https://hegartymaths.com/skills/185/preview">https://hegartymaths.com/skills/185/preview</a>
		186	<a href="https://hegartymaths.com/solve-equations-with-x-on-both-sides-3">https://hegartymaths.com/solve-equations-with-x-on-both-sides-3</a>	<a href="https://hegartymaths.com/skills/186/preview">https://hegartymaths.com/skills/186/preview</a>
	Set-up & solve equations (in context)	188	<a href="https://hegartymaths.com/set-up-solve-equations-in-context">https://hegartymaths.com/set-up-solve-equations-in-context</a>	<a href="https://hegartymaths.com/skills/188/preview">https://hegartymaths.com/skills/188/preview</a>
	Substituting & solving	189	<a href="https://hegartymaths.com/substituting-solving">https://hegartymaths.com/substituting-solving</a>	<a href="https://hegartymaths.com/skills/189/preview">https://hegartymaths.com/skills/189/preview</a>
		190	<a href="https://hegartymaths.com/simultaneous-equations-by-elimination-1-intro">https://hegartymaths.com/simultaneous-equations-by-elimination-1-intro</a>	<a href="https://hegartymaths.com/skills/190/preview">https://hegartymaths.com/skills/190/preview</a>

	Solve simultaneous equations	191	<a href="https://hegartymaths.com/simultaneous-equations-by-elimination-2">https://hegartymaths.com/simultaneous-equations-by-elimination-2</a>	<a href="https://hegartymaths.com/skills/191/preview">https://hegartymaths.com/skills/191/preview</a>	
		192	<a href="https://hegartymaths.com/simultaneous-equations-by-elimination-3">https://hegartymaths.com/simultaneous-equations-by-elimination-3</a>	<a href="https://hegartymaths.com/skills/192/preview">https://hegartymaths.com/skills/192/preview</a>	
		193	<a href="https://hegartymaths.com/simultaneous-equations-by-elimination-4">https://hegartymaths.com/simultaneous-equations-by-elimination-4</a>	<a href="https://hegartymaths.com/skills/193/preview">https://hegartymaths.com/skills/193/preview</a>	
		194	<a href="https://hegartymaths.com/simultaneous-equations-by-substitution">https://hegartymaths.com/simultaneous-equations-by-substitution</a>	<a href="https://hegartymaths.com/skills/194/preview">https://hegartymaths.com/skills/194/preview</a>	
		195	<a href="https://hegartymaths.com/simultaneous-equations-in-context">https://hegartymaths.com/simultaneous-equations-in-context</a>	<a href="https://hegartymaths.com/skills/195/preview">https://hegartymaths.com/skills/195/preview</a>	
Linear sequences & graphs	Understand linear sequences	196	<a href="https://hegartymaths.com/linear-sequences-from-pictures">https://hegartymaths.com/linear-sequences-from-pictures</a>	<a href="https://hegartymaths.com/skills/196/preview">https://hegartymaths.com/skills/196/preview</a>	
		197	<a href="https://hegartymaths.com/linear-sequences-term-to-term-rule">https://hegartymaths.com/linear-sequences-term-to-term-rule</a>	<a href="https://hegartymaths.com/skills/197/preview">https://hegartymaths.com/skills/197/preview</a>	
	Find the nth term of a linear sequence	198	<a href="https://hegartymaths.com/linear-sequences-nth-term">https://hegartymaths.com/linear-sequences-nth-term</a>	<a href="https://hegartymaths.com/skills/198/preview">https://hegartymaths.com/skills/198/preview</a>	
	Use coordinates	199	<a href="https://hegartymaths.com/cartesian-axes-coordinates">https://hegartymaths.com/cartesian-axes-coordinates</a>	<a href="https://hegartymaths.com/skills/199/preview">https://hegartymaths.com/skills/199/preview</a>	
	Midpoint of a line segment	200	<a href="https://hegartymaths.com/midpoint-of-a-line-segment">https://hegartymaths.com/midpoint-of-a-line-segment</a>	<a href="https://hegartymaths.com/skills/200/preview">https://hegartymaths.com/skills/200/preview</a>	
	Find the gradient of a line segment		201	<a href="https://hegartymaths.com/gradient-of-a-line-segment-1">https://hegartymaths.com/gradient-of-a-line-segment-1</a>	<a href="https://hegartymaths.com/skills/201/preview">https://hegartymaths.com/skills/201/preview</a>
			202	<a href="https://hegartymaths.com/gradient-of-a-line-segment-2-negative">https://hegartymaths.com/gradient-of-a-line-segment-2-negative</a>	<a href="https://hegartymaths.com/skills/202/preview">https://hegartymaths.com/skills/202/preview</a>
			203	<a href="https://hegartymaths.com/gradient-of-a-line-segment-3-fractions">https://hegartymaths.com/gradient-of-a-line-segment-3-fractions</a>	<a href="https://hegartymaths.com/skills/203/preview">https://hegartymaths.com/skills/203/preview</a>
			204	<a href="https://hegartymaths.com/gradient-of-a-line-segment-4-summary">https://hegartymaths.com/gradient-of-a-line-segment-4-summary</a>	<a href="https://hegartymaths.com/skills/204/preview">https://hegartymaths.com/skills/204/preview</a>
			205	<a href="https://hegartymaths.com/drawing-line-graphs-from-coordinates">https://hegartymaths.com/drawing-line-graphs-from-coordinates</a>	<a href="https://hegartymaths.com/skills/205/preview">https://hegartymaths.com/skills/205/preview</a>
	Drawing line graphs from coordinates		206	<a href="https://hegartymaths.com/straight-line-graphs-1">https://hegartymaths.com/straight-line-graphs-1</a>	<a href="https://hegartymaths.com/skills/206/preview">https://hegartymaths.com/skills/206/preview</a>
			207	<a href="https://hegartymaths.com/straight-line-graphs-2">https://hegartymaths.com/straight-line-graphs-2</a>	<a href="https://hegartymaths.com/skills/207/preview">https://hegartymaths.com/skills/207/preview</a>
			208	<a href="https://hegartymaths.com/straight-line-graphs-3">https://hegartymaths.com/straight-line-graphs-3</a>	<a href="https://hegartymaths.com/skills/208/preview">https://hegartymaths.com/skills/208/preview</a>
			209	<a href="https://hegartymaths.com/straight-line-graphs-4">https://hegartymaths.com/straight-line-graphs-4</a>	<a href="https://hegartymaths.com/skills/209/preview">https://hegartymaths.com/skills/209/preview</a>
			210	<a href="https://hegartymaths.com/straight-line-graphs-5">https://hegartymaths.com/straight-line-graphs-5</a>	<a href="https://hegartymaths.com/skills/210/preview">https://hegartymaths.com/skills/210/preview</a>
			211	<a href="https://hegartymaths.com/straight-line-graphs-6">https://hegartymaths.com/straight-line-graphs-6</a>	<a href="https://hegartymaths.com/skills/211/preview">https://hegartymaths.com/skills/211/preview</a>
			212	<a href="https://hegartymaths.com/straight-line-graphs-7">https://hegartymaths.com/straight-line-graphs-7</a>	<a href="https://hegartymaths.com/skills/212/preview">https://hegartymaths.com/skills/212/preview</a>
			213	<a href="https://hegartymaths.com/straight-line-graphs-8">https://hegartymaths.com/straight-line-graphs-8</a>	<a href="https://hegartymaths.com/skills/213/preview">https://hegartymaths.com/skills/213/preview</a>
	Straight line graphs	Equations of line that are parallel	214	<a href="https://hegartymaths.com/straight-line-graphs-parallel">https://hegartymaths.com/straight-line-graphs-parallel</a>	<a href="https://hegartymaths.com/skills/214/preview">https://hegartymaths.com/skills/214/preview</a>
		Solving equations using straight lines	217	<a href="https://hegartymaths.com/solving-equations-straight-lines">https://hegartymaths.com/solving-equations-straight-lines</a>	<a href="https://hegartymaths.com/skills/217/preview">https://hegartymaths.com/skills/217/preview</a>
Solving simultaneous equations using straight lines			218	<a href="https://hegartymaths.com/solving-simultaneous-equations-using-straight-lines-1">https://hegartymaths.com/solving-simultaneous-equations-using-straight-lines-1</a>	<a href="https://hegartymaths.com/skills/218/preview">https://hegartymaths.com/skills/218/preview</a>
			219	<a href="https://hegartymaths.com/solving-simultaneous-equations-using-straight-lines-2">https://hegartymaths.com/solving-simultaneous-equations-using-straight-lines-2</a>	<a href="https://hegartymaths.com/skills/219/preview">https://hegartymaths.com/skills/219/preview</a>
			221	<a href="https://hegartymaths.com/sums-products">https://hegartymaths.com/sums-products</a>	<a href="https://hegartymaths.com/skills/221/preview">https://hegartymaths.com/skills/221/preview</a>
Quadratics		Factorise quadratic expressions	222	<a href="https://hegartymaths.com/quadratic-expressions">https://hegartymaths.com/quadratic-expressions</a>	<a href="https://hegartymaths.com/skills/222/preview">https://hegartymaths.com/skills/222/preview</a>
			223	<a href="https://hegartymaths.com/factorise-quadratic-expressions-1">https://hegartymaths.com/factorise-quadratic-expressions-1</a>	<a href="https://hegartymaths.com/skills/223/preview">https://hegartymaths.com/skills/223/preview</a>
	224		<a href="https://hegartymaths.com/factorise-quadratic-expressions-2">https://hegartymaths.com/factorise-quadratic-expressions-2</a>	<a href="https://hegartymaths.com/skills/224/preview">https://hegartymaths.com/skills/224/preview</a>	
	225		<a href="https://hegartymaths.com/factorise-quadratic-expressions-3">https://hegartymaths.com/factorise-quadratic-expressions-3</a>	<a href="https://hegartymaths.com/skills/225/preview">https://hegartymaths.com/skills/225/preview</a>	
	226		<a href="https://hegartymaths.com/factorise-quadratic-expressions-4">https://hegartymaths.com/factorise-quadratic-expressions-4</a>	<a href="https://hegartymaths.com/skills/226/preview">https://hegartymaths.com/skills/226/preview</a>	
	227		<a href="https://hegartymaths.com/factorise-quadratic-expressions-5">https://hegartymaths.com/factorise-quadratic-expressions-5</a>	<a href="https://hegartymaths.com/skills/227/preview">https://hegartymaths.com/skills/227/preview</a>	
	Solving quadratic equations by factorising		228	<a href="https://hegartymaths.com/factorise-quadratic-expressions-6">https://hegartymaths.com/factorise-quadratic-expressions-6</a>	<a href="https://hegartymaths.com/skills/228/preview">https://hegartymaths.com/skills/228/preview</a>
			230	<a href="https://hegartymaths.com/solving-quadratic-equations-1-by-factorising">https://hegartymaths.com/solving-quadratic-equations-1-by-factorising</a>	<a href="https://hegartymaths.com/skills/230/preview">https://hegartymaths.com/skills/230/preview</a>
			231	<a href="https://hegartymaths.com/solving-quadratic-equations-2-by-factorising">https://hegartymaths.com/solving-quadratic-equations-2-by-factorising</a>	<a href="https://hegartymaths.com/skills/231/preview">https://hegartymaths.com/skills/231/preview</a>
			232	<a href="https://hegartymaths.com/solving-quadratic-equations-3-by-factorising">https://hegartymaths.com/solving-quadratic-equations-3-by-factorising</a>	<a href="https://hegartymaths.com/skills/232/preview">https://hegartymaths.com/skills/232/preview</a>
Other sequences	Important sequences	233	<a href="https://hegartymaths.com/solving-quadratic-equations-4-by-factorising">https://hegartymaths.com/solving-quadratic-equations-4-by-factorising</a>	<a href="https://hegartymaths.com/skills/233/preview">https://hegartymaths.com/skills/233/preview</a>	
	Sequences from recurrence relations	261	<a href="https://hegartymaths.com/important-sequences">https://hegartymaths.com/important-sequences</a>	<a href="https://hegartymaths.com/skills/261/preview">https://hegartymaths.com/skills/261/preview</a>	
	Fibonacci sequence	262	<a href="https://hegartymaths.com/sequences-from-recurrence-relations">https://hegartymaths.com/sequences-from-recurrence-relations</a>	<a href="https://hegartymaths.com/skills/262/preview">https://hegartymaths.com/skills/262/preview</a>	
	Geometric sequences	263	<a href="https://hegartymaths.com/fibonacci-sequence">https://hegartymaths.com/fibonacci-sequence</a>	<a href="https://hegartymaths.com/skills/263/preview">https://hegartymaths.com/skills/263/preview</a>	
		264	<a href="https://hegartymaths.com/geometric-sequences">https://hegartymaths.com/geometric-sequences</a>	<a href="https://hegartymaths.com/skills/264/preview">https://hegartymaths.com/skills/264/preview</a>	
Inequalities	Representing inequalities on a number line	265	<a href="https://hegartymaths.com/representing-inequalities-on-a-number-line">https://hegartymaths.com/representing-inequalities-on-a-number-line</a>	<a href="https://hegartymaths.com/skills/265/preview">https://hegartymaths.com/skills/265/preview</a>	
	Writing inequalities from a number line	266	<a href="https://hegartymaths.com/writing-inequalities-from-a-number-line">https://hegartymaths.com/writing-inequalities-from-a-number-line</a>	<a href="https://hegartymaths.com/skills/266/preview">https://hegartymaths.com/skills/266/preview</a>	
	Integer solutions to inequalities	267	<a href="https://hegartymaths.com/integer-solutions-to-inequalities">https://hegartymaths.com/integer-solutions-to-inequalities</a>	<a href="https://hegartymaths.com/skills/267/preview">https://hegartymaths.com/skills/267/preview</a>	
	Solve single linear inequalities	Multiple inequalities on a number line	268	<a href="https://hegartymaths.com/multiple-inequalities-on-a-number-line">https://hegartymaths.com/multiple-inequalities-on-a-number-line</a>	<a href="https://hegartymaths.com/skills/268/preview">https://hegartymaths.com/skills/268/preview</a>
			269	<a href="https://hegartymaths.com/solve-single-linear-inequalities-1-positive-x">https://hegartymaths.com/solve-single-linear-inequalities-1-positive-x</a>	<a href="https://hegartymaths.com/skills/269/preview">https://hegartymaths.com/skills/269/preview</a>
			270	<a href="https://hegartymaths.com/solve-single-linear-inequalities-2-negative-x">https://hegartymaths.com/solve-single-linear-inequalities-2-negative-x</a>	<a href="https://hegartymaths.com/skills/270/preview">https://hegartymaths.com/skills/270/preview</a>
			271	<a href="https://hegartymaths.com/solve-single-linear-inequalities-3-difficult">https://hegartymaths.com/solve-single-linear-inequalities-3-difficult</a>	<a href="https://hegartymaths.com/skills/271/preview">https://hegartymaths.com/skills/271/preview</a>
			272	<a href="https://hegartymaths.com/solve-double-linear-inequalities">https://hegartymaths.com/solve-double-linear-inequalities</a>	<a href="https://hegartymaths.com/skills/272/preview">https://hegartymaths.com/skills/272/preview</a>
	273	<a href="https://hegartymaths.com/linear-inequalities-as-graph-regions-1">https://hegartymaths.com/linear-inequalities-as-graph-regions-1</a>	<a href="https://hegartymaths.com/skills/273/preview">https://hegartymaths.com/skills/273/preview</a>		

	Shading linear inequalities as graph regions	274	<a href="https://hegartymaths.com/linear-inequalities-as-graph-regions-2">https://hegartymaths.com/linear-inequalities-as-graph-regions-2</a>	<a href="https://hegartymaths.com/skills/274/preview">https://hegartymaths.com/skills/274/preview</a>
		275	<a href="https://hegartymaths.com/linear-inequalities-as-graph-regions-3">https://hegartymaths.com/linear-inequalities-as-graph-regions-3</a>	<a href="https://hegartymaths.com/skills/275/preview">https://hegartymaths.com/skills/275/preview</a>
		276	<a href="https://hegartymaths.com/linear-inequalities-as-graph-regions-4">https://hegartymaths.com/linear-inequalities-as-graph-regions-4</a>	<a href="https://hegartymaths.com/skills/276/preview">https://hegartymaths.com/skills/276/preview</a>
		278	<a href="https://hegartymaths.com/substitution-into-complex-formulae">https://hegartymaths.com/substitution-into-complex-formulae</a>	<a href="https://hegartymaths.com/skills/278/preview">https://hegartymaths.com/skills/278/preview</a>
Formulae	Substitution into formulae	279	<a href="https://hegartymaths.com/substitution-into-important-formulae">https://hegartymaths.com/substitution-into-important-formulae</a>	<a href="https://hegartymaths.com/skills/279/preview">https://hegartymaths.com/skills/279/preview</a>
		280	<a href="https://hegartymaths.com/change-the-subject-of-the-formula-1-1-step">https://hegartymaths.com/change-the-subject-of-the-formula-1-1-step</a>	<a href="https://hegartymaths.com/skills/280/preview">https://hegartymaths.com/skills/280/preview</a>
	Change the subject of the formula	281	<a href="https://hegartymaths.com/change-the-subject-of-the-formula-2-2-step">https://hegartymaths.com/change-the-subject-of-the-formula-2-2-step</a>	<a href="https://hegartymaths.com/skills/281/preview">https://hegartymaths.com/skills/281/preview</a>
		282	<a href="https://hegartymaths.com/change-the-subject-of-the-formula-3-negative-x">https://hegartymaths.com/change-the-subject-of-the-formula-3-negative-x</a>	<a href="https://hegartymaths.com/skills/282/preview">https://hegartymaths.com/skills/282/preview</a>
		283	<a href="https://hegartymaths.com/change-the-subject-of-the-formula-4-x-on-denominator">https://hegartymaths.com/change-the-subject-of-the-formula-4-x-on-denominator</a>	<a href="https://hegartymaths.com/skills/283/preview">https://hegartymaths.com/skills/283/preview</a>
Functions	Recognise function notation	288	<a href="https://hegartymaths.com/function-notation-1">https://hegartymaths.com/function-notation-1</a>	<a href="https://hegartymaths.com/skills/288/preview">https://hegartymaths.com/skills/288/preview</a>
		289	<a href="https://hegartymaths.com/function-notation-2">https://hegartymaths.com/function-notation-2</a>	<a href="https://hegartymaths.com/skills/289/preview">https://hegartymaths.com/skills/289/preview</a>
Important graphs	Cubic graphs (from a table of values)	298	<a href="https://hegartymaths.com/cubic-graphs-from-a-table-of-values">https://hegartymaths.com/cubic-graphs-from-a-table-of-values</a>	<a href="https://hegartymaths.com/skills/298/preview">https://hegartymaths.com/skills/298/preview</a>
	Cubic graphs (recognising)	299	<a href="https://hegartymaths.com/cubic-graphs-recognising">https://hegartymaths.com/cubic-graphs-recognising</a>	<a href="https://hegartymaths.com/skills/299/preview">https://hegartymaths.com/skills/299/preview</a>
	Reciprocal graphs	300	<a href="https://hegartymaths.com/reciprocal-graphs-1">https://hegartymaths.com/reciprocal-graphs-1</a>	<a href="https://hegartymaths.com/skills/300/preview">https://hegartymaths.com/skills/300/preview</a>
		301	<a href="https://hegartymaths.com/reciprocal-graphs-2">https://hegartymaths.com/reciprocal-graphs-2</a>	<a href="https://hegartymaths.com/skills/301/preview">https://hegartymaths.com/skills/301/preview</a>
Ratio	Compare quantities using ratios	328	<a href="https://hegartymaths.com/compare-quantities-using-ratios">https://hegartymaths.com/compare-quantities-using-ratios</a>	<a href="https://hegartymaths.com/skills/328/preview">https://hegartymaths.com/skills/328/preview</a>
	Simplify ratios	329	<a href="https://hegartymaths.com/simplify-ratios">https://hegartymaths.com/simplify-ratios</a>	<a href="https://hegartymaths.com/skills/329/preview">https://hegartymaths.com/skills/329/preview</a>
	Write ratios as fractions/proportions	330	<a href="https://hegartymaths.com/write-ratios-as-fractionsproportions">https://hegartymaths.com/write-ratios-as-fractionsproportions</a>	<a href="https://hegartymaths.com/skills/330/preview">https://hegartymaths.com/skills/330/preview</a>
	Write ratios in the form 1:n or n:1	331	<a href="https://hegartymaths.com/write-ratios-in-the-form-1-n-or-n-1">https://hegartymaths.com/write-ratios-in-the-form-1-n-or-n-1</a>	<a href="https://hegartymaths.com/skills/331/preview">https://hegartymaths.com/skills/331/preview</a>
	Share in a given ratio	332	<a href="https://hegartymaths.com/share-in-a-given-ratio-1">https://hegartymaths.com/share-in-a-given-ratio-1</a>	<a href="https://hegartymaths.com/skills/332/preview">https://hegartymaths.com/skills/332/preview</a>
		333	<a href="https://hegartymaths.com/share-in-a-given-ratio-2">https://hegartymaths.com/share-in-a-given-ratio-2</a>	<a href="https://hegartymaths.com/skills/333/preview">https://hegartymaths.com/skills/333/preview</a>
		334	<a href="https://hegartymaths.com/share-in-a-given-ratio-3">https://hegartymaths.com/share-in-a-given-ratio-3</a>	<a href="https://hegartymaths.com/skills/334/preview">https://hegartymaths.com/skills/334/preview</a>
	Solve problems involving ratio	335	<a href="https://hegartymaths.com/harder-problems-involving-ratios-1">https://hegartymaths.com/harder-problems-involving-ratios-1</a>	<a href="https://hegartymaths.com/skills/335/preview">https://hegartymaths.com/skills/335/preview</a>
		336	<a href="https://hegartymaths.com/harder-problems-involving-ratios-2">https://hegartymaths.com/harder-problems-involving-ratios-2</a>	<a href="https://hegartymaths.com/skills/336/preview">https://hegartymaths.com/skills/336/preview</a>
		337	<a href="https://hegartymaths.com/harder-problems-involving-ratios-3">https://hegartymaths.com/harder-problems-involving-ratios-3</a>	<a href="https://hegartymaths.com/skills/337/preview">https://hegartymaths.com/skills/337/preview</a>
Proportion	Direct proportion	339	<a href="https://hegartymaths.com/direct-proportion-1">https://hegartymaths.com/direct-proportion-1</a>	<a href="https://hegartymaths.com/skills/339/preview">https://hegartymaths.com/skills/339/preview</a>
		340	<a href="https://hegartymaths.com/direct-proportion-2">https://hegartymaths.com/direct-proportion-2</a>	<a href="https://hegartymaths.com/skills/340/preview">https://hegartymaths.com/skills/340/preview</a>
		341	<a href="https://hegartymaths.com/direct-proportion-3">https://hegartymaths.com/direct-proportion-3</a>	<a href="https://hegartymaths.com/skills/341/preview">https://hegartymaths.com/skills/341/preview</a>
	Inverse proportion	342	<a href="https://hegartymaths.com/inverse-proportion">https://hegartymaths.com/inverse-proportion</a>	<a href="https://hegartymaths.com/skills/342/preview">https://hegartymaths.com/skills/342/preview</a>
Naming, drawing, measuring & estimating	Recognising types of angles	455	<a href="https://hegartymaths.com/types-of-angles">https://hegartymaths.com/types-of-angles</a>	<a href="https://hegartymaths.com/skills/455/preview">https://hegartymaths.com/skills/455/preview</a>
		456	<a href="https://hegartymaths.com/naming-sides-angles">https://hegartymaths.com/naming-sides-angles</a>	<a href="https://hegartymaths.com/skills/456/preview">https://hegartymaths.com/skills/456/preview</a>
		457	<a href="https://hegartymaths.com/estimating-angles">https://hegartymaths.com/estimating-angles</a>	<a href="https://hegartymaths.com/skills/457/preview">https://hegartymaths.com/skills/457/preview</a>
	Measuring and draw angles	458	<a href="https://hegartymaths.com/measuring-angles-1">https://hegartymaths.com/measuring-angles-1</a>	<a href="https://hegartymaths.com/skills/458/preview">https://hegartymaths.com/skills/458/preview</a>
		459	<a href="https://hegartymaths.com/measuring-angles-2">https://hegartymaths.com/measuring-angles-2</a>	<a href="https://hegartymaths.com/skills/459/preview">https://hegartymaths.com/skills/459/preview</a>
		460	<a href="https://hegartymaths.com/measuring-angles-3">https://hegartymaths.com/measuring-angles-3</a>	<a href="https://hegartymaths.com/skills/460/preview">https://hegartymaths.com/skills/460/preview</a>
		461	<a href="https://hegartymaths.com/drawing-angles">https://hegartymaths.com/drawing-angles</a>	<a href="https://hegartymaths.com/skills/461/preview">https://hegartymaths.com/skills/461/preview</a>
Angle facts	Angles on a straight line and around a point	477	<a href="https://hegartymaths.com/angles-on-a-straight-line-1">https://hegartymaths.com/angles-on-a-straight-line-1</a>	<a href="https://hegartymaths.com/skills/477/preview">https://hegartymaths.com/skills/477/preview</a>
		478	<a href="https://hegartymaths.com/angles-on-a-straight-line-2">https://hegartymaths.com/angles-on-a-straight-line-2</a>	<a href="https://hegartymaths.com/skills/478/preview">https://hegartymaths.com/skills/478/preview</a>
		479	<a href="https://hegartymaths.com/angles-around-a-point">https://hegartymaths.com/angles-around-a-point</a>	<a href="https://hegartymaths.com/skills/479/preview">https://hegartymaths.com/skills/479/preview</a>
	Vertically opposite angles	480	<a href="https://hegartymaths.com/vertically-opposite-angles">https://hegartymaths.com/vertically-opposite-angles</a>	<a href="https://hegartymaths.com/skills/480/preview">https://hegartymaths.com/skills/480/preview</a>
	Alternate angles	481	<a href="https://hegartymaths.com/alternate-angles">https://hegartymaths.com/alternate-angles</a>	<a href="https://hegartymaths.com/skills/481/preview">https://hegartymaths.com/skills/481/preview</a>
	Co-interior angles	482	<a href="https://hegartymaths.com/co-interior-angles">https://hegartymaths.com/co-interior-angles</a>	<a href="https://hegartymaths.com/skills/482/preview">https://hegartymaths.com/skills/482/preview</a>
	Corresponding angles	483	<a href="https://hegartymaths.com/corresponding-angles">https://hegartymaths.com/corresponding-angles</a>	<a href="https://hegartymaths.com/skills/483/preview">https://hegartymaths.com/skills/483/preview</a>
	Know the proof of angle sum in triangles	484	<a href="https://hegartymaths.com/proof-angles-in-triangles">https://hegartymaths.com/proof-angles-in-triangles</a>	<a href="https://hegartymaths.com/skills/484/preview">https://hegartymaths.com/skills/484/preview</a>
		485	<a href="https://hegartymaths.com/angles-in-a-triangle-1">https://hegartymaths.com/angles-in-a-triangle-1</a>	<a href="https://hegartymaths.com/skills/485/preview">https://hegartymaths.com/skills/485/preview</a>
		486	<a href="https://hegartymaths.com/angles-in-a-triangle-2">https://hegartymaths.com/angles-in-a-triangle-2</a>	<a href="https://hegartymaths.com/skills/486/preview">https://hegartymaths.com/skills/486/preview</a>
	Angles in a triangle	487	<a href="https://hegartymaths.com/angles-in-a-triangle-3">https://hegartymaths.com/angles-in-a-triangle-3</a>	<a href="https://hegartymaths.com/skills/487/preview">https://hegartymaths.com/skills/487/preview</a>
		488	<a href="https://hegartymaths.com/multi-step-angle-problems-1">https://hegartymaths.com/multi-step-angle-problems-1</a>	<a href="https://hegartymaths.com/skills/488/preview">https://hegartymaths.com/skills/488/preview</a>
		489	<a href="https://hegartymaths.com/multi-step-angle-problems-2">https://hegartymaths.com/multi-step-angle-problems-2</a>	<a href="https://hegartymaths.com/skills/489/preview">https://hegartymaths.com/skills/489/preview</a>
	Multi-step angle problems	490	<a href="https://hegartymaths.com/multi-step-angle-problems-3">https://hegartymaths.com/multi-step-angle-problems-3</a>	<a href="https://hegartymaths.com/skills/490/preview">https://hegartymaths.com/skills/490/preview</a>
		491	<a href="https://hegartymaths.com/multi-step-angle-problems-4">https://hegartymaths.com/multi-step-angle-problems-4</a>	<a href="https://hegartymaths.com/skills/491/preview">https://hegartymaths.com/skills/491/preview</a>
492		<a href="https://hegartymaths.com/bearings-1">https://hegartymaths.com/bearings-1</a>	<a href="https://hegartymaths.com/skills/492/preview">https://hegartymaths.com/skills/492/preview</a>	

Bearings	Use Bearings	493	<a href="https://hegartymaths.com/bearings-2">https://hegartymaths.com/bearings-2</a>	<a href="https://hegartymaths.com/skills/493/preview">https://hegartymaths.com/skills/493/preview</a>
		494	<a href="https://hegartymaths.com/bearings-3">https://hegartymaths.com/bearings-3</a>	<a href="https://hegartymaths.com/skills/494/preview">https://hegartymaths.com/skills/494/preview</a>
		495	<a href="https://hegartymaths.com/bearings-4">https://hegartymaths.com/bearings-4</a>	<a href="https://hegartymaths.com/skills/495/preview">https://hegartymaths.com/skills/495/preview</a>
		496	<a href="https://hegartymaths.com/bearings-5">https://hegartymaths.com/bearings-5</a>	<a href="https://hegartymaths.com/skills/496/preview">https://hegartymaths.com/skills/496/preview</a>
Angles in polygons	Interior angles in quadrilaterals	560	<a href="https://hegartymaths.com/interior-angles-in-quadrilaterals">https://hegartymaths.com/interior-angles-in-quadrilaterals</a>	<a href="https://hegartymaths.com/skills/560/preview">https://hegartymaths.com/skills/560/preview</a>
	Interior and exterior angles in polygons	561	<a href="https://hegartymaths.com/interior-angles-in-polygons-1">https://hegartymaths.com/interior-angles-in-polygons-1</a>	<a href="https://hegartymaths.com/skills/561/preview">https://hegartymaths.com/skills/561/preview</a>
		562	<a href="https://hegartymaths.com/interior-angles-in-polygons-2">https://hegartymaths.com/interior-angles-in-polygons-2</a>	<a href="https://hegartymaths.com/skills/562/preview">https://hegartymaths.com/skills/562/preview</a>
		563	<a href="https://hegartymaths.com/exterior-angles-in-polygons-1">https://hegartymaths.com/exterior-angles-in-polygons-1</a>	<a href="https://hegartymaths.com/skills/563/preview">https://hegartymaths.com/skills/563/preview</a>
	564	<a href="https://hegartymaths.com/exterior-angles-in-polygons-2">https://hegartymaths.com/exterior-angles-in-polygons-2</a>	<a href="https://hegartymaths.com/skills/564/preview">https://hegartymaths.com/skills/564/preview</a>	
Angles in polygons using algebra	565	<a href="https://hegartymaths.com/angles-in-polygons-using-algebra">https://hegartymaths.com/angles-in-polygons-using-algebra</a>	<a href="https://hegartymaths.com/skills/565/preview">https://hegartymaths.com/skills/565/preview</a>	
Perimeter	Perimeter of 2D shapes	548	<a href="https://hegartymaths.com/perimeter-1">https://hegartymaths.com/perimeter-1</a>	<a href="https://hegartymaths.com/skills/548/preview">https://hegartymaths.com/skills/548/preview</a>
		549	<a href="https://hegartymaths.com/perimeter-2">https://hegartymaths.com/perimeter-2</a>	<a href="https://hegartymaths.com/skills/549/preview">https://hegartymaths.com/skills/549/preview</a>
		550	<a href="https://hegartymaths.com/perimeter-3">https://hegartymaths.com/perimeter-3</a>	<a href="https://hegartymaths.com/skills/550/preview">https://hegartymaths.com/skills/550/preview</a>
		551	<a href="https://hegartymaths.com/perimeter-4">https://hegartymaths.com/perimeter-4</a>	<a href="https://hegartymaths.com/skills/551/preview">https://hegartymaths.com/skills/551/preview</a>
	Algebraic perimeters	552	<a href="https://hegartymaths.com/perimeter-5">https://hegartymaths.com/perimeter-5</a>	<a href="https://hegartymaths.com/skills/552/preview">https://hegartymaths.com/skills/552/preview</a>
Area	Area of simple shapes	553	<a href="https://hegartymaths.com/area-counting-squares">https://hegartymaths.com/area-counting-squares</a>	<a href="https://hegartymaths.com/skills/553/preview">https://hegartymaths.com/skills/553/preview</a>
	Area of compound shapes	554	<a href="https://hegartymaths.com/area-rectangles">https://hegartymaths.com/area-rectangles</a>	<a href="https://hegartymaths.com/skills/554/preview">https://hegartymaths.com/skills/554/preview</a>
	Area of parallelograms	555	<a href="https://hegartymaths.com/area-compound-shapes">https://hegartymaths.com/area-compound-shapes</a>	<a href="https://hegartymaths.com/skills/555/preview">https://hegartymaths.com/skills/555/preview</a>
	Area of triangles	556	<a href="https://hegartymaths.com/area-parallelograms">https://hegartymaths.com/area-parallelograms</a>	<a href="https://hegartymaths.com/skills/556/preview">https://hegartymaths.com/skills/556/preview</a>
	Area of triangles	557	<a href="https://hegartymaths.com/area-triangles-1">https://hegartymaths.com/area-triangles-1</a>	<a href="https://hegartymaths.com/skills/557/preview">https://hegartymaths.com/skills/557/preview</a>
		558	<a href="https://hegartymaths.com/area-triangles-2">https://hegartymaths.com/area-triangles-2</a>	<a href="https://hegartymaths.com/skills/558/preview">https://hegartymaths.com/skills/558/preview</a>
	Area of trapeziums	559	<a href="https://hegartymaths.com/area-trapezium">https://hegartymaths.com/area-trapezium</a>	<a href="https://hegartymaths.com/skills/559/preview">https://hegartymaths.com/skills/559/preview</a>
Circle measure	Circumference of a circle	534	<a href="https://hegartymaths.com/circumference-of-a-circle-1">https://hegartymaths.com/circumference-of-a-circle-1</a>	<a href="https://hegartymaths.com/skills/534/preview">https://hegartymaths.com/skills/534/preview</a>
		535	<a href="https://hegartymaths.com/circumference-of-a-circle-2">https://hegartymaths.com/circumference-of-a-circle-2</a>	<a href="https://hegartymaths.com/skills/535/preview">https://hegartymaths.com/skills/535/preview</a>
		536	<a href="https://hegartymaths.com/circumference-of-a-circle-3">https://hegartymaths.com/circumference-of-a-circle-3</a>	<a href="https://hegartymaths.com/skills/536/preview">https://hegartymaths.com/skills/536/preview</a>
		537	<a href="https://hegartymaths.com/circumference-of-a-circle-4">https://hegartymaths.com/circumference-of-a-circle-4</a>	<a href="https://hegartymaths.com/skills/537/preview">https://hegartymaths.com/skills/537/preview</a>
		538	<a href="https://hegartymaths.com/circumference-of-a-circle-5">https://hegartymaths.com/circumference-of-a-circle-5</a>	<a href="https://hegartymaths.com/skills/538/preview">https://hegartymaths.com/skills/538/preview</a>
	Area of a circle	539	<a href="https://hegartymaths.com/area-of-a-circle-1">https://hegartymaths.com/area-of-a-circle-1</a>	<a href="https://hegartymaths.com/skills/539/preview">https://hegartymaths.com/skills/539/preview</a>
		540	<a href="https://hegartymaths.com/area-of-a-circle-2">https://hegartymaths.com/area-of-a-circle-2</a>	<a href="https://hegartymaths.com/skills/540/preview">https://hegartymaths.com/skills/540/preview</a>
		541	<a href="https://hegartymaths.com/area-of-a-circle-3">https://hegartymaths.com/area-of-a-circle-3</a>	<a href="https://hegartymaths.com/skills/541/preview">https://hegartymaths.com/skills/541/preview</a>
		542	<a href="https://hegartymaths.com/area-of-a-circle-4">https://hegartymaths.com/area-of-a-circle-4</a>	<a href="https://hegartymaths.com/skills/542/preview">https://hegartymaths.com/skills/542/preview</a>
		543	<a href="https://hegartymaths.com/area-of-a-circle-5">https://hegartymaths.com/area-of-a-circle-5</a>	<a href="https://hegartymaths.com/skills/543/preview">https://hegartymaths.com/skills/543/preview</a>
Pythagoras' Theorem	Use and apply Pythagoras Theorem to right angled triangles	498	<a href="https://hegartymaths.com/pythagoras-longer-side">https://hegartymaths.com/pythagoras-longer-side</a>	<a href="https://hegartymaths.com/skills/498/preview">https://hegartymaths.com/skills/498/preview</a>
		499	<a href="https://hegartymaths.com/pythagoras-shorter-side">https://hegartymaths.com/pythagoras-shorter-side</a>	<a href="https://hegartymaths.com/skills/499/preview">https://hegartymaths.com/skills/499/preview</a>
		500	<a href="https://hegartymaths.com/pythagoras-surds">https://hegartymaths.com/pythagoras-surds</a>	<a href="https://hegartymaths.com/skills/500/preview">https://hegartymaths.com/skills/500/preview</a>
		501	<a href="https://hegartymaths.com/pythagoras-applied-1">https://hegartymaths.com/pythagoras-applied-1</a>	<a href="https://hegartymaths.com/skills/501/preview">https://hegartymaths.com/skills/501/preview</a>
		502	<a href="https://hegartymaths.com/pythagoras-applied-2">https://hegartymaths.com/pythagoras-applied-2</a>	<a href="https://hegartymaths.com/skills/502/preview">https://hegartymaths.com/skills/502/preview</a>
		503	<a href="https://hegartymaths.com/pythagoras-multi-step-1">https://hegartymaths.com/pythagoras-multi-step-1</a>	<a href="https://hegartymaths.com/skills/503/preview">https://hegartymaths.com/skills/503/preview</a>
		504	<a href="https://hegartymaths.com/pythagoras-multi-step-2">https://hegartymaths.com/pythagoras-multi-step-2</a>	<a href="https://hegartymaths.com/skills/504/preview">https://hegartymaths.com/skills/504/preview</a>
		508	<a href="https://hegartymaths.com/trigonometry-introduction">https://hegartymaths.com/trigonometry-introduction</a>	<a href="https://hegartymaths.com/skills/508/preview">https://hegartymaths.com/skills/508/preview</a>
Right-angle trigonometry	Use and apply trigonometry to right angled triangles	509	<a href="https://hegartymaths.com/trigonometry-find-side-1">https://hegartymaths.com/trigonometry-find-side-1</a>	<a href="https://hegartymaths.com/skills/509/preview">https://hegartymaths.com/skills/509/preview</a>
		510	<a href="https://hegartymaths.com/trigonometry-find-side-2">https://hegartymaths.com/trigonometry-find-side-2</a>	<a href="https://hegartymaths.com/skills/510/preview">https://hegartymaths.com/skills/510/preview</a>
		511	<a href="https://hegartymaths.com/trigonometry-find-angle-1">https://hegartymaths.com/trigonometry-find-angle-1</a>	<a href="https://hegartymaths.com/skills/511/preview">https://hegartymaths.com/skills/511/preview</a>
		512	<a href="https://hegartymaths.com/trigonometry-find-angle-2">https://hegartymaths.com/trigonometry-find-angle-2</a>	<a href="https://hegartymaths.com/skills/512/preview">https://hegartymaths.com/skills/512/preview</a>
		513	<a href="https://hegartymaths.com/trigonometry-multi-step-1">https://hegartymaths.com/trigonometry-multi-step-1</a>	<a href="https://hegartymaths.com/skills/513/preview">https://hegartymaths.com/skills/513/preview</a>
		514	<a href="https://hegartymaths.com/trigonometry-multi-step-2">https://hegartymaths.com/trigonometry-multi-step-2</a>	<a href="https://hegartymaths.com/skills/514/preview">https://hegartymaths.com/skills/514/preview</a>
		567	<a href="https://hegartymaths.com/counting-cubes">https://hegartymaths.com/counting-cubes</a>	<a href="https://hegartymaths.com/skills/567/preview">https://hegartymaths.com/skills/567/preview</a>
Volume	Volume of cuboids	568	<a href="https://hegartymaths.com/cuboids-1">https://hegartymaths.com/cuboids-1</a>	<a href="https://hegartymaths.com/skills/568/preview">https://hegartymaths.com/skills/568/preview</a>
		569	<a href="https://hegartymaths.com/cuboids-2">https://hegartymaths.com/cuboids-2</a>	<a href="https://hegartymaths.com/skills/569/preview">https://hegartymaths.com/skills/569/preview</a>
		570	<a href="https://hegartymaths.com/prisms-1">https://hegartymaths.com/prisms-1</a>	<a href="https://hegartymaths.com/skills/570/preview">https://hegartymaths.com/skills/570/preview</a>
	Volume of prisms	571	<a href="https://hegartymaths.com/prisms-2">https://hegartymaths.com/prisms-2</a>	<a href="https://hegartymaths.com/skills/571/preview">https://hegartymaths.com/skills/571/preview</a>
		572	<a href="https://hegartymaths.com/cylinders-1">https://hegartymaths.com/cylinders-1</a>	<a href="https://hegartymaths.com/skills/572/preview">https://hegartymaths.com/skills/572/preview</a>

	Volume of cylinders	573	<a href="https://hegartymaths.com/cylinders-2">https://hegartymaths.com/cylinders-2</a>	<a href="https://hegartymaths.com/skills/573/preview">https://hegartymaths.com/skills/573/preview</a>
		574	<a href="https://hegartymaths.com/cylinders-3">https://hegartymaths.com/cylinders-3</a>	<a href="https://hegartymaths.com/skills/574/preview">https://hegartymaths.com/skills/574/preview</a>
<b>Surface area</b>	Surface area of cuboids	584	<a href="https://hegartymaths.com/surface-area-of-cuboids">https://hegartymaths.com/surface-area-of-cuboids</a>	<a href="https://hegartymaths.com/skills/584/preview">https://hegartymaths.com/skills/584/preview</a>
	Surface area of prisms	585	<a href="https://hegartymaths.com/surface-area-of-prisms">https://hegartymaths.com/surface-area-of-prisms</a>	<a href="https://hegartymaths.com/skills/585/preview">https://hegartymaths.com/skills/585/preview</a>
<b>Single event probability</b>	Express a probability in words	349	<a href="https://hegartymaths.com/express-a-probability-in-words">https://hegartymaths.com/express-a-probability-in-words</a>	<a href="https://hegartymaths.com/skills/349/preview">https://hegartymaths.com/skills/349/preview</a>
	Express a probability as a fraction, decimal or percentage	350	<a href="https://hegartymaths.com/express-a-probability-in-numbers">https://hegartymaths.com/express-a-probability-in-numbers</a>	<a href="https://hegartymaths.com/skills/350/preview">https://hegartymaths.com/skills/350/preview</a>
	Probability of single events	351	<a href="https://hegartymaths.com/probability-of-single-events-1">https://hegartymaths.com/probability-of-single-events-1</a>	<a href="https://hegartymaths.com/skills/351/preview">https://hegartymaths.com/skills/351/preview</a>
		352	<a href="https://hegartymaths.com/probability-of-single-events-2">https://hegartymaths.com/probability-of-single-events-2</a>	<a href="https://hegartymaths.com/skills/352/preview">https://hegartymaths.com/skills/352/preview</a>
	Probability of an event not happening	353	<a href="https://hegartymaths.com/probability-of-an-event-not-happening">https://hegartymaths.com/probability-of-an-event-not-happening</a>	<a href="https://hegartymaths.com/skills/353/preview">https://hegartymaths.com/skills/353/preview</a>
	Expectation	355	<a href="https://hegartymaths.com/expectation">https://hegartymaths.com/expectation</a>	<a href="https://hegartymaths.com/skills/355/preview">https://hegartymaths.com/skills/355/preview</a>
	Experimental probability & relative frequency	356	<a href="https://hegartymaths.com/experimental-probability-relative-frequency">https://hegartymaths.com/experimental-probability-relative-frequency</a>	<a href="https://hegartymaths.com/skills/356/preview">https://hegartymaths.com/skills/356/preview</a>
	Relative frequency & testing for bias	357	<a href="https://hegartymaths.com/relative-frequency-testing-for-bias">https://hegartymaths.com/relative-frequency-testing-for-bias</a>	<a href="https://hegartymaths.com/skills/357/preview">https://hegartymaths.com/skills/357/preview</a>
<b>Multiple event probability</b>	Probability of more than one event	358	<a href="https://hegartymaths.com/probability-of-more-than-one-event-1">https://hegartymaths.com/probability-of-more-than-one-event-1</a>	<a href="https://hegartymaths.com/skills/358/preview">https://hegartymaths.com/skills/358/preview</a>
	Frequency trees	368	<a href="https://hegartymaths.com/frequency-trees-1">https://hegartymaths.com/frequency-trees-1</a>	<a href="https://hegartymaths.com/skills/368/preview">https://hegartymaths.com/skills/368/preview</a>
		369	<a href="https://hegartymaths.com/frequency-trees-2">https://hegartymaths.com/frequency-trees-2</a>	<a href="https://hegartymaths.com/skills/369/preview">https://hegartymaths.com/skills/369/preview</a>
<b>Sets &amp; Venn diagrams</b>	Listing elements in a set	370	<a href="https://hegartymaths.com/listing-elements-in-a-set-1">https://hegartymaths.com/listing-elements-in-a-set-1</a>	<a href="https://hegartymaths.com/skills/370/preview">https://hegartymaths.com/skills/370/preview</a>
		371	<a href="https://hegartymaths.com/listing-elements-in-a-set-2">https://hegartymaths.com/listing-elements-in-a-set-2</a>	<a href="https://hegartymaths.com/skills/371/preview">https://hegartymaths.com/skills/371/preview</a>
	Displaying sets in Venn diagrams	372	<a href="https://hegartymaths.com/displaying-sets-in-venn-diagrams-1">https://hegartymaths.com/displaying-sets-in-venn-diagrams-1</a>	<a href="https://hegartymaths.com/skills/372/preview">https://hegartymaths.com/skills/372/preview</a>
		373	<a href="https://hegartymaths.com/displaying-sets-in-venn-diagrams-2">https://hegartymaths.com/displaying-sets-in-venn-diagrams-2</a>	<a href="https://hegartymaths.com/skills/373/preview">https://hegartymaths.com/skills/373/preview</a>
<b>Collecting data</b>	Types of data and sampling	392	<a href="https://hegartymaths.com/types-of-data-1">https://hegartymaths.com/types-of-data-1</a>	<a href="https://hegartymaths.com/skills/392/preview">https://hegartymaths.com/skills/392/preview</a>
		393	<a href="https://hegartymaths.com/types-of-data-2">https://hegartymaths.com/types-of-data-2</a>	<a href="https://hegartymaths.com/skills/393/preview">https://hegartymaths.com/skills/393/preview</a>
		394	<a href="https://hegartymaths.com/census-sampling-bias">https://hegartymaths.com/census-sampling-bias</a>	<a href="https://hegartymaths.com/skills/394/preview">https://hegartymaths.com/skills/394/preview</a>
		395	<a href="https://hegartymaths.com/random-sampling">https://hegartymaths.com/random-sampling</a>	<a href="https://hegartymaths.com/skills/395/preview">https://hegartymaths.com/skills/395/preview</a>
		401	<a href="https://hegartymaths.com/data-collection-sheets-tally-charts">https://hegartymaths.com/data-collection-sheets-tally-charts</a>	<a href="https://hegartymaths.com/skills/401/preview">https://hegartymaths.com/skills/401/preview</a>
	Data collection sheets (tally charts)	401	<a href="https://hegartymaths.com/data-collection-sheets-tally-charts">https://hegartymaths.com/data-collection-sheets-tally-charts</a>	<a href="https://hegartymaths.com/skills/401/preview">https://hegartymaths.com/skills/401/preview</a>
	Grouped frequency tables (discrete)	402	<a href="https://hegartymaths.com/grouped-frequency-tables-discrete">https://hegartymaths.com/grouped-frequency-tables-discrete</a>	<a href="https://hegartymaths.com/skills/402/preview">https://hegartymaths.com/skills/402/preview</a>
Grouped frequency tables (continuous)	403	<a href="https://hegartymaths.com/grouped-frequency-tables-continuous">https://hegartymaths.com/grouped-frequency-tables-continuous</a>	<a href="https://hegartymaths.com/skills/403/preview">https://hegartymaths.com/skills/403/preview</a>	
<b>Averages &amp; ranges</b>	Mode	404	<a href="https://hegartymaths.com/mode">https://hegartymaths.com/mode</a>	<a href="https://hegartymaths.com/skills/404/preview">https://hegartymaths.com/skills/404/preview</a>
		405	<a href="https://hegartymaths.com/mean-1">https://hegartymaths.com/mean-1</a>	<a href="https://hegartymaths.com/skills/405/preview">https://hegartymaths.com/skills/405/preview</a>
	Mean	406	<a href="https://hegartymaths.com/mean-2">https://hegartymaths.com/mean-2</a>	<a href="https://hegartymaths.com/skills/406/preview">https://hegartymaths.com/skills/406/preview</a>
		407	<a href="https://hegartymaths.com/mean-3">https://hegartymaths.com/mean-3</a>	<a href="https://hegartymaths.com/skills/407/preview">https://hegartymaths.com/skills/407/preview</a>
		408	<a href="https://hegartymaths.com/mean-4">https://hegartymaths.com/mean-4</a>	<a href="https://hegartymaths.com/skills/408/preview">https://hegartymaths.com/skills/408/preview</a>
		409	<a href="https://hegartymaths.com/median">https://hegartymaths.com/median</a>	<a href="https://hegartymaths.com/skills/409/preview">https://hegartymaths.com/skills/409/preview</a>
	Median	409	<a href="https://hegartymaths.com/median">https://hegartymaths.com/median</a>	<a href="https://hegartymaths.com/skills/409/preview">https://hegartymaths.com/skills/409/preview</a>
	Range	410	<a href="https://hegartymaths.com/range">https://hegartymaths.com/range</a>	<a href="https://hegartymaths.com/skills/410/preview">https://hegartymaths.com/skills/410/preview</a>
	Selecting appropriate averages	413	<a href="https://hegartymaths.com/selecting-appropriate-averages">https://hegartymaths.com/selecting-appropriate-averages</a>	<a href="https://hegartymaths.com/skills/413/preview">https://hegartymaths.com/skills/413/preview</a>
	Range from frequency tables	414	<a href="https://hegartymaths.com/range-from-frequency-tables">https://hegartymaths.com/range-from-frequency-tables</a>	<a href="https://hegartymaths.com/skills/414/preview">https://hegartymaths.com/skills/414/preview</a>
	Mode from frequency tables	415	<a href="https://hegartymaths.com/mode-from-frequency-tables">https://hegartymaths.com/mode-from-frequency-tables</a>	<a href="https://hegartymaths.com/skills/415/preview">https://hegartymaths.com/skills/415/preview</a>
	Median from frequency tables	416	<a href="https://hegartymaths.com/median-from-frequency-tables">https://hegartymaths.com/median-from-frequency-tables</a>	<a href="https://hegartymaths.com/skills/416/preview">https://hegartymaths.com/skills/416/preview</a>
	Mean from frequency tables	417	<a href="https://hegartymaths.com/mean-from-frequency-tables-1">https://hegartymaths.com/mean-from-frequency-tables-1</a>	<a href="https://hegartymaths.com/skills/417/preview">https://hegartymaths.com/skills/417/preview</a>
		418	<a href="https://hegartymaths.com/mean-from-frequency-tables-2">https://hegartymaths.com/mean-from-frequency-tables-2</a>	<a href="https://hegartymaths.com/skills/418/preview">https://hegartymaths.com/skills/418/preview</a>
		419	<a href="https://hegartymaths.com/averages-range-problem-solving-1">https://hegartymaths.com/averages-range-problem-solving-1</a>	<a href="https://hegartymaths.com/skills/419/preview">https://hegartymaths.com/skills/419/preview</a>
Solving problems with averages	420	<a href="https://hegartymaths.com/averages-range-problem-solving-2">https://hegartymaths.com/averages-range-problem-solving-2</a>	<a href="https://hegartymaths.com/skills/420/preview">https://hegartymaths.com/skills/420/preview</a>	
	421	<a href="https://hegartymaths.com/averages-range-problem-solving-3">https://hegartymaths.com/averages-range-problem-solving-3</a>	<a href="https://hegartymaths.com/skills/421/preview">https://hegartymaths.com/skills/421/preview</a>	
	422	<a href="https://hegartymaths.com/two-way-tables-1">https://hegartymaths.com/two-way-tables-1</a>	<a href="https://hegartymaths.com/skills/422/preview">https://hegartymaths.com/skills/422/preview</a>	
Two-way tables	423	<a href="https://hegartymaths.com/two-way-tables-2">https://hegartymaths.com/two-way-tables-2</a>	<a href="https://hegartymaths.com/skills/423/preview">https://hegartymaths.com/skills/423/preview</a>	
	424	<a href="https://hegartymaths.com/two-way-tables-3">https://hegartymaths.com/two-way-tables-3</a>	<a href="https://hegartymaths.com/skills/424/preview">https://hegartymaths.com/skills/424/preview</a>	
	425	<a href="https://hegartymaths.com/bar-charts-vertical-line-graphs">https://hegartymaths.com/bar-charts-vertical-line-graphs</a>	<a href="https://hegartymaths.com/skills/425/preview">https://hegartymaths.com/skills/425/preview</a>	
Bar charts & vertical line graphs	425	<a href="https://hegartymaths.com/bar-charts-vertical-line-graphs">https://hegartymaths.com/bar-charts-vertical-line-graphs</a>	<a href="https://hegartymaths.com/skills/425/preview">https://hegartymaths.com/skills/425/preview</a>	
Pictograms	426	<a href="https://hegartymaths.com/pictograms">https://hegartymaths.com/pictograms</a>	<a href="https://hegartymaths.com/skills/426/preview">https://hegartymaths.com/skills/426/preview</a>	
Pie charts	427	<a href="https://hegartymaths.com/pie-charts-1">https://hegartymaths.com/pie-charts-1</a>	<a href="https://hegartymaths.com/skills/427/preview">https://hegartymaths.com/skills/427/preview</a>	
	428	<a href="https://hegartymaths.com/pie-charts-2">https://hegartymaths.com/pie-charts-2</a>	<a href="https://hegartymaths.com/skills/428/preview">https://hegartymaths.com/skills/428/preview</a>	
	429	<a href="https://hegartymaths.com/pie-charts-3">https://hegartymaths.com/pie-charts-3</a>	<a href="https://hegartymaths.com/skills/429/preview">https://hegartymaths.com/skills/429/preview</a>	

## Displaying data

Stem & leaf diagrams	430	<a href="https://hegartymaths.com/stem-leaf-diagrams-1">https://hegartymaths.com/stem-leaf-diagrams-1</a>	<a href="https://hegartymaths.com/skills/430/preview">https://hegartymaths.com/skills/430/preview</a>
	431	<a href="https://hegartymaths.com/stem-leaf-diagrams-2">https://hegartymaths.com/stem-leaf-diagrams-2</a>	<a href="https://hegartymaths.com/skills/431/preview">https://hegartymaths.com/skills/431/preview</a>
	432	<a href="https://hegartymaths.com/stem-leaf-diagrams-3">https://hegartymaths.com/stem-leaf-diagrams-3</a>	<a href="https://hegartymaths.com/skills/432/preview">https://hegartymaths.com/skills/432/preview</a>
	433	<a href="https://hegartymaths.com/stem-leaf-diagrams-4">https://hegartymaths.com/stem-leaf-diagrams-4</a>	<a href="https://hegartymaths.com/skills/433/preview">https://hegartymaths.com/skills/433/preview</a>
Cumulative frequency diagrams	437	<a href="https://hegartymaths.com/cumulative-frequency-diagrams-1">https://hegartymaths.com/cumulative-frequency-diagrams-1</a>	<a href="https://hegartymaths.com/skills/437/preview">https://hegartymaths.com/skills/437/preview</a>
	438	<a href="https://hegartymaths.com/cumulative-frequency-diagrams-2">https://hegartymaths.com/cumulative-frequency-diagrams-2</a>	<a href="https://hegartymaths.com/skills/438/preview">https://hegartymaths.com/skills/438/preview</a>
	439	<a href="https://hegartymaths.com/cumulative-frequency-diagrams-3">https://hegartymaths.com/cumulative-frequency-diagrams-3</a>	<a href="https://hegartymaths.com/skills/439/preview">https://hegartymaths.com/skills/439/preview</a>
Scatter diagrams	453	<a href="https://hegartymaths.com/scatter-diagrams-1">https://hegartymaths.com/scatter-diagrams-1</a>	<a href="https://hegartymaths.com/skills/453/preview">https://hegartymaths.com/skills/453/preview</a>
	454	<a href="https://hegartymaths.com/scatter-diagrams-2">https://hegartymaths.com/scatter-diagrams-2</a>	<a href="https://hegartymaths.com/skills/454/preview">https://hegartymaths.com/skills/454/preview</a>