

Topic	FILENAME	NCL	Type	Lesson Starter Summary
ADDITION	AAAS1	N3	SD	Addition: more than one solution.
ADDITION	AAAS2	N3	SD	Addition: more than one solution.
ADDITION	AADDS1	N3	SD	Addition: more than one solution.
ADDITION	ADDONS1	N3	SD	Addition: wall type puzzle "Blocks": basic intro.
ADDITION	ADDONS1B	N3	SD	Addition: wall type puzzle "Blocks": basic intro.
ADDITION	ADDONS2	N3	SD	Addition: wall type puzzle "Blocks": solving:
ADDITION	ADDONS2B	N3	SD	Addition: wall type puzzle "Blocks": solving:
ADDITION	ADDTABS1	N3	SD	Addition: table form.
ADDITION	ADDUPS1	N3	SD	Addition: wall type puzzle "Steps": basic intro.
ADDITION	TRIADS1	N3	SD	Addition: triangular puzzles.
ADDITION	AAAT	N3+	OPEN	Addition: more than one solution.
ADDITION	AADDT	N3+	OPEN	Addition: more than one solution.
ADDITION	ADDSUM	N3+	OPEN	Formal addition. Integer sums. Placing digits.
ADDITION	ADDONS3	N4	SD	Addition: wall type puzzle "Blocks": solving:
ADDITION	ADDONS3B	N4	SD	Addition: wall type puzzle "Blocks": solving:
ADDITION	ADDONS4	N4	SD	Addition: wall type puzzle "Blocks" : solving:
ADDITION	ADDONS4B	N4	SD	Addition: wall type puzzle "Blocks": solving:
ADDITION	ADDTABS2	N4	SD	Addition: table form.
ADDITION	ADDTABS3	N4	SD	Addition: table form.
ADDITION	ADDTABS4	N4	SD	Addition: table form: inverses.
ADDITION	TRIADS2	N4	SD	Addition: triangular puzzles.
ADDITION	TRIADS3	N4	SD	Addition: triangular puzzles.
ADDITION	TRIADS4	N4	SD	Addition: triangular puzzles: negatives.
ADDITION	TRIADS5	N4	SD	Addition: triangular puzzles: negatives.
ADDITION	ADDONT	N4+	OPEN	Addition: wall type puzzle "Blocks": open puzzle.
ADDITION	ADDTABT	N4+	OPEN	Addition: table form.
ADDITION	ADDUPT	N4+	OPEN	Addition: wall type puzzle "Steps": open puzzle.
ADDITION	TRIADT	N4+	OPEN	Addition: triangular puzzles.
ADDITION	ADDSUMD	N4+	OPEN	Formal addition. Decimal sums. Placing digits.
ADDITION	ADDTABS5	N5	SD	Addition: table form: inverses: negatives.
ANGLE	ANGLETS1	S4	SD	Angle and Time
ANGLE	ANGS1	S4	SD	Why 360: angles forming straight line.
ANGLE	ANGLER01	S4+	OPEN	Interactive angle indicator: rotation.
ANGLE	ANGLER02	S4+	OPEN	Interactive angle indicator: set and check an angle.
ANGLE	ANGLE01T	S5	SD	Why 360? Angles of triangle. Angles forming straight line.
ANGLE	ANGLE02T	S5	SD	Angles between parallel lines.
ANGLE	ANGLE03T	S5	SD	Exterior and interior angles of regular polygons.
ANGLE	ANGS2	S5	SD	Naming angles: upper case letters: notation.
ANGLE	ANGS3	S5	SD	Calculating angles in polygons.
ANGLE	ANGLE04T	S5+	OPEN	Calculating exterior angles of triangles.
AREA	PAREAS1	S4	SD	Perimeter and area: grid.
AREA	AREAQU00	S4+	Open	Area of rectangle: active diagram on grid: area given.
AREA	AREAQU00Q	S4+	Open	Area of rectangle: active diagram on grid: input area.
AREA	AREATRI	S4+	OPEN	Set triangle and area given. Interactive diagram.
AREA	AREATRIQ	S4+	OPEN	Set triangle and complete area. Interactive diagram.
AREA	AREAQU01	S5	Open	Area of rectangle: active diagram on co-ordinate grid: area given.
AREA	AREAQU02	S5	Open	Area of parallelogram: active diagram on co-ordinate grid: area given.
AREA	AREAQU03	S5	Open	Area of parallelogram and triangle on co-ordinate grid: area given.
AREA	AREAQU04	S5	Open	Area of parallelogram with diagonals on co-ordinate grid: area given.
AREA	AREAQU05	S5	Open	Area of rhombus with diagonals on co-ordinate grid: area given.
AREA	AREAQU06	S5	Open	Area of trapezium with guide on co-ordinate grid: area given.
AREA	AREAQU06Q	S5	Open	Area of trapezium on co-ordinate grid: input average width and area.
AREA	AREAQU07	S5	Open	Area of kite, with rectangle guide, on co-ordinate grid: area given.
AREA	AREAQU07Q	S5	Open	Area of kite, with rectangle guide, on co-ordinate grid: input area.
AREA	AREAT1	S5	SD	Area of rectangles.
AREA	AREAT2	S5	SD	Area of triangles.
AREA	AREAT4	S5	SD	Area of shapes made from rectangles and triangles.
AREA	AREAT5	S5	SD	Area of plane shapes: taking spare area from the surrounding grid.
AREA	AREAT5B	S5	SD	Area of plane shapes: taking spare area from the surrounding grid.
AREA	AREAT6	S5	SD	Area of plane shapes: taking away from the surrounding rectangle.
AREA	AREAT7	S5	SD	Area of Trapezia.
AREA	AREAT8	S5	SD	Area of Parallelograms.
AREA	AREAT8B	S5	SD	Area of Parallelograms.
AREA	AREAT9	S5	SD	Area of Kites.
AREA	AREATR00	S5	Open	Area of triangle: active diagram on grid: interactive shear: area given.
AREA	AREATR00P	S5	Open	Area of triangle: rectangle on base: perpendicular: shear : area given.
AREA	AREATR00R	S5	Open	Area of triangle: rectangle on base: interactive shear : area given.
AREA	AREATR01	S5	Open	Area of triangle: co-ordinate grid: rectangle : interactive shear : area given.
AREA	AREATR01E	S5	Open	Area of triangle: cm2 grid: rectangle : 2 variables : input areas.
AREA	AREATR01X	S5	Open	Area of triangle: cm2 grid: rectangle : 3 variables : input areas.
AREA	AREATR02	S5	Open	Area of triangle: 1st quad. co-ordinate grid: rectangle : shear : input area.
AREA	AREATR03	S5	Open	Area of triangle: 4 quad. co-ordinate grid: rectangle : shear : input area.
AREA	AREATRIQ01	S5	SD	Area of triangles from co-ordinate diagrams. 10 problems.
AREA	AREATRIQ02	S5	SD	Area of triangles from co-ordinate diagrams. 10 problems.
AREA	PAREAS3	S5	SD	Area of shapes made from rectangles.
AREA	PAREAS4	S5	SD	Area of shapes made from rectangles.
AREA	PAREAS4B	S5	SD	Area of shapes made from rectangles.
AREA	AREATQUADQ01	S5+	SD	Area of quadrilaterals from co-ordinate diagrams. 10 problems.
AREA	AREATQUADQ02	S5+	SD	Area of quadrilaterals from co-ordinate diagrams. 10 problems.
AREA	AREATR04	S5+	Open	Area of triangle: 4 quad. co-ordinate grid: shear : input area.
AREA	AREATR05	S5+	Open	Area of triangle: 4 quad. co-ordinate grid: surround: area given.
AREA	AREATR06	S5+	Open	Area of triangle: 4 quad. co-ordinate grid: surround: input area.

AREA	AREATR10	S5+	Open	Area of triangle: no grid: no rectangle: input area.
AREA	AREATR10R	S5+	Open	Area of triangle: no grid: rectangle: input areas.
AREA	AREATRIQ03	S5+	SD	Area of triangles from co-ordinate diagrams. 10 problems.
AREA	AREATRIQ04	S5+	SD	Area of triangles from co-ordinate diagrams. 10 problems.
AREA	AREATRIQ05	S5+	SD	Area of triangles from co-ordinate diagrams. 10 problems.
AREA	AREATT	S5+	OPEN	Area of triangles.
AREA	AREAC01	S6	OPEN	Interactive diagram: control lengths: total surface area given.
AREA	AREAC02	S6	OPEN	Interactive diagram: control lengths: input total surface area.
AREA	AREAC03	S6	OPEN	Interactive diagram: input total surface area: large numbers.
AREA	AREAC04	S6	OPEN	Interactive diagram: input total surface area: m2 to cm2.
AREA	AREAC05	S6	OPEN	Interactive diagram: input total surface area: cm2 to m2.
AREA	AREAU2U1	S6	Open	Area of rectangle: active diagram: m2 to cm2.
AREA	AREAU2U2	S6	Open	Area of rectangle: active diagram: m2 to mm2.
AREA	AREAU2U3	S6	Open	Area of rectangle: active diagram: cm2 to m2.
AREA	PAREAS5	S6	SD	Area of compound shapes.
AREA	PAREAS6	S6	SD	Area of compound shapes.
AREA	PAREAS7	S6	SD	Area of compound shapes.
AREA	PAREAS8	S6	SD	Area of compound shapes.
AREA	VOLAR02	S6	OPEN	Interactive diagram: control lengths: gives total surface area and volume.
AREA	VOLAR02	S6	OPEN	Interactive diagram: control lengths: input total surface area and volume.
AREA	VOLAR03	S6	OPEN	Rescaling diagram: control lengths: input total surface area and volume.
AREA	VOLAR04	S6	OPEN	Rescaling diagram: input total surface area and volume: m from cm.
AVERAGES	STATST3	D6	SD	Mean, mode and median: with frequency table.
AVERAGES	STATST5	D6	SD	Mean: calculated from frequency diagrams (discrete data).
AVERAGES	STATST6	D6	SD	Mean: estimated from frequency diagrams (continuous data) .
BIDMAS	PRIORITY	N5	SD	Explore reason for priority.
BIDMAS	PRIORITY2	N5	SD	2 2 2, four operands: explore.
BIDMAS	PRIORITY3	N5	SD	3 2 5, four operands: explore.
BIDMAS	PRIORITY4	N5	SD	4 5 2, four operands: explore.
BIDMAS	PRIORITY5	N5	SD	3 4 10, four operands: explore.
BIDMAS	PRIORITY6	N5	SD	5 0.2 0.5, four operands: explore.
BIDMAS	PRIORITY7	N5	SD	4 0.5 0.1, four operands: explore.
BIDMAS	PRIORITY8	N5+	OPEN	Any three numbers, four operands: explore.
BIDMAS	ALGEB7T1	A5	SD	Order of operations with numbers: 4 operands and brackets.
BIDMAS	ALGEB7T2	A5	SD	Order of operations with numbers: 4 operands, indices and brackets.
BIDMAS	ALGEB7T3	A5	SD	Order of operations with numbers: 4 operands and brackets.
BIDMAS	ALGEB7T4	A5	SD	Order of operations with numbers: 4 operands, indices and brackets.
BIDMAS	ALGEB8T1	A5	SD	Insert operands to make statements true.
BIDMAS	ALGEB8T2	A5	SD	Insert operands to make statements true.
CAPACITY	MEASS08	S4	Open	Volume in ml and l.
CAPACITY	MEASS09	S4	Open	Volume in ml and l.
CHARTS	LGRAPHS1	D3	SD	Intro to line graphs.
CHARTS	LGRAPHS2	D3	SD	Intro. to bar line charts.
CHARTS	PICTS1	D3	SD	Pictograms: frequency.
CHARTS	TALLYS1	D3	SD	Tally chart: frequency.
CHARTS	GRAPHS1	D3+	OPEN	Intro. to bar graphs.
CHARTS	GRAPHS2	D3+	OPEN	Intro. to bar graphs.
CHARTS	GRAPHS3	D3+	OPEN	Intro. to bar graphs.
CHARTS	BARCOT1	D4	OPEN	Record and display class results as bar chart: set parameters.
CHARTS	BARCOT2	D4	OPEN	Record and display class results as 2 bar charts to compare: set parameters.Open input
CHARTS	DICEDIF	D4	OPEN	Record and display class results:dice differences: probability.
CHARTS	DICESUM	D4	OPEN	Record and display class results: dice sums: probability.
CHARTS	DICEPROD	D5	OPEN	Record and display class results:dice products: probability.
CHARTS	PIEAA01	D5	SD	Pie charts: calculate angle from frequency, appropriate diagram.
CHARTS	PIEAA02	D5	SD	Pie charts: calculate angle from frequency, appropriate diagram.
CHARTS	PIEAA03	D5	SD	Pie charts: calculate angle from frequency, appropriate diagram.
CHARTS	PIEAA04	D5	SD	Pie charts: calculate angle from frequency, appropriate diagram.
CHARTS	PIEAA05	D5	SD	Pie charts: calculate angle from frequency, appropriate diagram.
CHARTS	PIEAA10	D5	OPEN	Pie charts: calculate angle from frequency, appropriate diagram.
CHARTS	PIEAFS01	D5	SD	Pie charts: calculate frequency from angle, appropriate diagram.
CHARTS	PIEAFS02	D5	SD	Pie charts: calculate frequency from angle, appropriate diagram.
CHARTS	PIEAFS03	D5	SD	Pie charts: calculate frequency from angle, appropriate diagram.
CHARTS	PIECHT01	D5	OPEN	Record and display class results as pie chart: set parameters.
CHARTS	PIECHT02	D5	OPEN	Record and display class results as two pie charts: set parameters.
CHARTS	PIEQA01	D5	OPEN	Pie charts: change frequencies; interactive diagram (IAD).
CHARTS	PIEQA02	D6	OPEN	Pie charts: change frequencies and radius; interactive diagram (IAD).
CIRCLES	AREACIRC01	S5	OPEN	Calculating area of a circle, one square of radius: interactive diagram.
CIRCLES	AREACIRC02	S5	OPEN	Calculating area of a circles, three squares of radius: interactive diagram.
CIRCLES	CIRCC01	S5	OPEN	Calculating length of circumference: interactive diagram.
CIRCLES	CIRCLEA	S5	SD	Calculating area: information only.
CIRCLES	CIRCLEA2	S5	OPEN	Calculating area: calculate and enter.
CIRCLES	CIRCLEA3	S5	OPEN	Calculating radius and diameter from area.
CIRCLES	CIRCLEC	S5	SD	Calculating circumference: information only.
CIRCLES	CIRCLEC2	S5	OPEN	Calculating circumference: calculate and enter.
CIRCLES	CIRLEC3	S5	OPEN	Calculating radius and diameter from circumference.
CIRCLES	ARC01	S6	OPEN	Calculating lengths of arcs: interactive diagram.
CIRCLES	CIRCAP01	S6	OPEN	Calculating area taking away part of a circle: interactive diagram.
CIRCLES	CIRCAP02	S6	OPEN	Calculating areas of washers problem: interactive diagram.
CIRCLES	CONCIRC01	S6	OPEN	Calculating areas of annular rings: interactive diagram.
CIRCLES	CONCIRC02	S6	OPEN	Calculating areas of parts of annular rings: interactive diagram.
CIRCLES	SECTOR01	S6	OPEN	Calculating areas of sectors: interactive diagram.
CIRCLES	SECTOR02	S6	OPEN	Calculating perimeters of sectors: interactive diagram.
CO-ORDINATES	COORDPLOT	A4	OPEN	Cartesian co-ordinates, point plotter 4 quadrants: decimal allowed.

CO-ORDINATES	COORDS1	A4	SD	Cartesian co-ordinates.
CO-ORDINATES	COORDS4Q	A4	OPEN	Cartesian co-ordinates, point plotter 4 quadrants: hide input option.
CO-ORDINATES	COORDQ2	A5	SD	Complete the square: 2 adjacent vertices supplied: find others.
CO-ORDINATES	COORDQ3	A5	SD	Complete the square: 2 vertices supplied: find others.
CO-ORDINATES	COORDQ4	A5	SD	Complete the parallelogram: 3 vertices supplied: find others.
CO-ORDINATES	COORDT	A5	SD	Find possible 3rd vertices of isosceles triangle.
CO-ORDINATES	COORDT1	A5	SD	Complete the isosceles triangle: 1 side given: find other vertices.
CO-ORDINATES	COORDT2	A5	SD	Complete the isosceles triangle: 1 side given: find other vertices.
CO-ORDINATES	COORDLL	A5+	OPEN	Four points in line: $ax + by = c$
CO-ORDINATES	COORDLP01	A5+	OPEN	Plot 4 points in line and write equation.
CO-ORDINATES	COORDL1	A6	SD	Line given: find 4 points and equation.
CO-ORDINATES	COORDL2	A6	SD	Line given: find 4 points and equation.
CO-ORDINATES	COORDL3	A6	SD	Line given: find 4 points and equation.
CO-ORDINATES	COORDL4	A6	SD	Line given: find 4 points and equation.
CO-ORDINATES	COORDL5	A6	SD	Line given: find 4 points and equation.
CO-ORDINATES	COORDLS1	A6	SD	$x+y=6$ given: plot 4 suitable points.
CO-ORDINATES	COORDLS1Y	A6	SD	$y=x$ given: plot 4 suitable points.
CO-ORDINATES	COORDLS2	A6	SD	$2x+y=8$ given: plot 4 suitable points.
CO-ORDINATES	COORDLS2Y	A6	SD	$y=x+4$ given: plot 4 suitable points.
CO-ORDINATES	COORDLS3	A6	SD	$x+2y=4$ given: plot 4 suitable points.
CO-ORDINATES	COORDLS3Y	A6	SD	$y=2x$ given: plot 4 suitable points.
CO-ORDINATES	COORDLS4	A6	SD	$x+y=0$ given: plot 4 suitable points.
CO-ORDINATES	COORDLS4Y	A6	SD	$y=2x-4$ given: plot 4 suitable points.
CO-ORDINATES	COORDLS5	A6	SD	$x-2y=6$ given: plot 4 suitable points.
CO-ORDINATES	COORDLS5Y	A6	SD	$y=-2x$ given: plot 4 suitable points.
CO-ORDINATES	COORDLS6	A6	SD	$-2x+y=8$ given: plot 4 suitable points.
CO-ORDINATES	COORDLS6Y	A6	SD	$y=-2x-3$ given: plot 4 suitable points.
CO-ORDINATES	COORDLS7	A6	SD	$3x+y=-5$ given: plot 4 suitable points.
CO-ORDINATES	COORDLS7Y	A6	SD	$y=-3x-2$ given: plot 4 suitable points.
CO-ORDINATES	COORDLS8Y	A6	SD	$y=4x-5$ given: plot 4 suitable points.
CO-ORDINATES	COORDLSY	A6+	OPEN	Four points in line: $y = mx + c$
CO-ORDINATES	COORDP4	A6+	OPEN	Plots 4 points from input co-ordinates: 4 quadrants.
CO-ORDINATES	COORDSLT01	A6	SD	$x - y = 0$ given: plot 4 suitable points and transpose equation to form $y =$.
CO-ORDINATES	COORDSLT02	A6	SD	$x + y = 0$ given: plot 4 suitable points and transpose equation to form $y =$.
CO-ORDINATES	COORDSLT03	A6	SD	$x + y = 5$ given: plot 4 suitable points and transpose equation to form $y =$.
CO-ORDINATES	COORDSLT04	A6	SD	$y - x = 4$ given: plot 4 suitable points and transpose equation to form $y =$.
CO-ORDINATES	COORDSLT05	A6	SD	$x - y = 4$ given: plot 4 suitable points and transpose equation to form $y =$.
CO-ORDINATES	COORDSLT06	A6	SD	$2x + y = 0$ given: plot 4 suitable points and transpose equation to form $y =$.
CO-ORDINATES	COORDSLT07	A6	SD	$2x - y = 0$ given: plot 4 suitable points and transpose equation to form $y =$.
CO-ORDINATES	COORDSLT08	A6	SD	$2x - y = 6$ given: plot 4 suitable points and transpose equation to form $y =$.
CO-ORDINATES	COORDSLT09	A6	SD	$2x + y = 6$ given: plot 4 suitable points and transpose equation to form $y =$.
CO-ORDINATES	COORDSLT10	A6	SD	$10 = 2x - y$ given: plot 4 suitable points and transpose equation to form $y =$.
CO-ORDINATES	COORDSLT11	A6	SD	$x + 2y = 0$ given: plot 4 suitable points and transpose equation to form $y =$.
CO-ORDINATES	COORDSLT12	A6	SD	$x - 2y = 0$ given: plot 4 suitable points and transpose equation to form $y =$.
CO-ORDINATES	COORDSLT13	A6	SD	$x + 2y = 6$ given: plot 4 suitable points and transpose equation to form $y =$.
CO-ORDINATES	COORDSLT14	A6	SD	$x - 2y = 8$ given: plot 4 suitable points and transpose equation to form $y =$.
CO-ORDINATES	COORDSLT15	A6	SD	$y + 2x = 5$ given: plot 4 suitable points and transpose equation to form $y =$.
DECIMALS	EPNLS5	N4	SD	Estimate position on line: decimal: active control.
DECIMALS	FRACDCS1	N4	SD	Decimal blue on bar to fraction: active indicator control.
DECIMALS	FRACDEC100	N5+	OPEN	Fractions to decimal form to 100 places. Explore recurring decimals.
DECIMALS	FRACSIM100	N5+	OPEN	Fractions simplified and decimal form to 100 places.
DIRECTION	CDIR01	S4	SD	Interactive compass direction diagram.
DIRECTION	ORIENS1	S4	SD	Points of the compass.
DIRECTION	ORIENS2	S4	SD	Compass directions.
DIVISIBILITY	DIVIST1	N3+	OPEN	Divisibility 2,5 and 10.
DIVISIBILITY	DIVIST2	N4+	OPEN	Divisibility 3,6 and 9.
DIVISIBILITY	DIVIST3	N4+	OPEN	Divisibility 2,4 and 8.
DIVISIBILITY	DIVIST4	N4+	OPEN	Divisibility 2,3,5,6,9 and 10.
DIVISION	DPS100	N4	SD	Explore factors through division using 100: active short division display.
DIVISION	DPS360	N4	SD	Explore factors through division using 360: active short division display.
DIVISION	DPS60	N4	SD	Explore factors through division using 60: active short division display.
DIVISION	DPS01	N4+	OPEN	Explore division using quotient: active short division display.
DIVISION	SDIV4T1	N4+	OPEN	Short division with remainder, some automation.
DIVISION	SDIV4T2	N4+	OPEN	Short division with remainder, no automation.
DIVISION	DDDS1	N5	SD	Division: more than one solution.
DIVISION	DDDS2	N5	SD	Division: more than one solution.
DIVISION	DDPRS1	N5	SD	Division: more than one solution.
DIVISION	DIVTAB1	N5	SD	Division table: integer with decimal quotient.
DIVISION	DIVTAB10	N5	SD	Division table: negatives.
DIVISION	DIVTAB2	N5	SD	Division table: integer with decimal quotient.
DIVISION	DIVTAB3	N5	SD	Division table: integer with decimal quotient.
DIVISION	DIVTAB4	N5	SD	Division table: integer with decimal quotient.
DIVISION	DIVTAB5	N5	SD	Division table: integer with decimal quotient.
DIVISION	DIVTAB6	N5	SD	Division table: includes 0.5.
DIVISION	DIVTAB7	N5	SD	Division table: decimal.
DIVISION	DIVTAB8	N5	SD	Division table: decimal.
DIVISION	DIVTAB9	N5	SD	Division table: negatives.
DIVISION	DDDT	N5+	OPEN	Division: more than one solution.
DIVISION	DDPRT	N5+	OPEN	Division: more than one solution.
DIVISION	DIVQD	N5+	SD	Introduce dividing by a decimal through observation.
DIVISION	DIVTABT	N5+	OPEN	Division table: open.
DIVISION	DTENHT	N5+	OPEN	Dividing by powers of ten.
DIVISION	DIVFRT	N6+	OPEN	Division with answer as mixed number.

ENLARGEMENT	ENLARGE	S6+	OPEN	Enlarge: centre and scale factor: active display: decimal allowed.
EQUATIONS	ALGEB02T1	A5	SD	Letters for numbers: simple + and -: positive.
EQUATIONS	ALGEB02T2	A5	SD	Letters for numbers: simple + and -: some negative.
EQUATIONS	ALGEB02T3	A5	SD	Letters for numbers: simple x and ÷: some negative.
EQUATIONS	ALGEB02T4	A5	SD	Letters for numbers: simple x and ÷: some negative.
EQUATIONS	ALGEB02T5	A5	SD	Letters for numbers: using 4 operands.
EQUATIONS	MACHAMT1	A5+	OPEN	Create and solve equations using inverse machines: four operands.
EQUATIONS	MACHAMT2	A5+	OPEN	Create and solve equations using inverse machines: four operands.
EQUATIONS	MACHATT	A5+	OPEN	Create and solve equations using inverse machines: add and subtract.
EQUATIONS	MACHMDT	A5+	OPEN	Create and solve equations using inverse machines: multiply and divide.
EQUATIONS	MACHTRT1	A5+	OPEN	Machine: form simple equation, machine transposes: $y=x+c$
EQUATIONS	MACHTRT2	A5+	OPEN	Machine: form simple equation, machine transposes: $y=ax$
EQUATIONS	STOP01	A5+	OPEN	Formula for finding the stopping distance of a car.
EQUATIONS	ALGEB39T1	A6	SD	Number pairs towards factorising quadratics.
EQUATIONS	EXSOLT1	A6	SD	Expand brackets and solve.
EQUATIONS	EXSOLT2	A6	SD	Expand brackets and solve.
EQUATIONS	EXSOLT3	A6	SD	Expand brackets and solve.
EQUATIONS	EXSOLT4	A6	SD	Expand brackets and solve.
EQUATIONS	ALGEB39TT	A6+	OPEN	Number pairs towards factorising quadratics.
ESTFREQUENCY	EPROBT01	D5	SD	Estimating frequency from probability: fractions.
ESTFREQUENCY	EPROBT02	D5	SD	Estimating frequency from probability: decimals.
ESTFREQUENCY	EPROBT01T	D5+	OPEN	Estimating frequency from probability: fractions.
ESTFREQUENCY	EPROBT02T	D5+	OPEN	Estimating frequency from probability: decimals.
ESTIMATE	EPNLS1	N3	SD	Estimate position on line: integer: active control.
ESTIMATE	EPNLS2	N4	SD	Estimate position on line: integer: active control.
ESTIMATE	EPNLS3	N4	SD	Estimate position on line: integer: active control.
ESTIMATE	EPNLS4	N4	SD	Estimate position on line: integer: active control.
ESTIMATE	EPNLS5	N4	SD	Estimate position on line: decimal: active control.
ESTIMATE	EPNLS6	N4	SD	Estimate position on line: negatives: active control.
ESTIMATE	EPNLS7	N4	SD	Estimate position on line: negatives: active control.
ESTIMATE	EPNLS8	N4	SD	Estimate position on line: negatives: active control.
ESTIMATE	EPNLT	N4+	OPEN	Estimate position on line: full control.
ESTIMATION	APPXDT	N5+	OPEN	Estimating by first rounding to 1.S.F. Dividing.
ESTIMATION	APPXMT	N5+	OPEN	Estimating by first rounding to 1.S.F. Multiplying
EXPANSION	ALGEB12T1	A5	SD	Expressions with variables: expand brackets.
EXPANSION	ALGEB12T2	A5	SD	Expressions with variables: expand brackets.
EXPANSION	ALGEB12T3	A6	SD	Expressions: expand brackets.
EXPANSION	ALGEB12T4	A6	SD	Expressions: expand brackets.
EXPANSION	ALGEB12T5	A6	SD	Expressions: expand brackets.
FACTORS	FTRST	N4	SD	Sets and number of factors.
FACTORS	FACTRN24	N5	SD	Factors as products of primes.
FACTORS	FACTRN360	N5	SD	Factors as products of primes.
FACTORS	FACTRN60	N5	SD	Factors as products of primes.
FACTORS	FACTRS24	N5	SD	Number of factors from products of primes.
FACTORS	FACTRS360	N5	SD	Number of factors from products of primes.
FACTORS	FACTRS60	N5	SD	Number of factors from products of primes.
FACTORS	VENNHCF01	N5	SD	HCF 8 and 12 using VENN diagram
FACTORS	VENNHCF02	N5	SD	HCF 12 and 30 using VENN diagram
FACTORS	VENNLCM01	N5	SD	LCM 8 and 12 using VENN diagram
FACTORS	VENNLCM02	N5	SD	LCM 12 and 30 using VENN diagram
FACTORS	FACTR128	N5+	OPEN	Finding sets of factors: integers 2 to 128: sets can be viewed.
FACTORS	FACTRPD3	N5+	OPEN	Sets of factors for integers up to 10 000 given.
FACTORS	FACTRPD4	N5+	OPEN	Sets of factors for integers up to 10 000 given. With product evaluator.
FACTORS	FACTRST	N5+	OPEN	Finding prime factors: integers 2 to 128 checked.
FACTORS	FACTRPD	N6+	OPEN	Factors: extension: integers 2 to 128 checked: explore perfect numbers.
FRACTIONS	FRACS1	N3	SD	Fourths with active indicator and equivalence.
FRACTIONS	FRACS3	N3	SD	Sixths with active indicator and equivalence.
FRACTIONS	FRACT	N3+	OPEN	Active indicator.
FRACTIONS	FRACDCS1	N4	SD	Decimal blue on bar to fraction: active indicator control.
FRACTIONS	FRACLNO1T	N4	SD	Position of fractions on number lines: common.
FRACTIONS	FRACPCS1	N4	SD	Percent blue on bar to fraction: active indicator control.
FRACTIONS	FRACS2	N4	SD	Tenths with active indicator and equivalence.
FRACTIONS	FRACS4	N4	SD	Twelfths with active indicator and equivalence.
FRACTIONS	FRAC09T	N5	SD	Equivalent fractions: starting diagram.
FRACTIONS	FRAC101T	N5	SD	Investigate rectangles split into 4 fractions each with a numerator of 1.
FRACTIONS	FRAC10T	N5	SD	Equivalent fractions: equal division, common factors.
FRACTIONS	FRAC12T	N5	SD	Multiply whole number by fraction and simplify.
FRACTIONS	FRACAD0T	N5	SD	Adding fractions using equivalents with common denominators.
FRACTIONS	FRACD02T	N5	SD	Dividing an integer by a fraction.
FRACTIONS	FRACD02T2	N5	OPEN	Dividing an integer by a fraction.
FRACTIONS	FRACD03T	N5	SD	Dividing a fraction by an integer.
FRACTIONS	FRACLN03T	N5	SD	Position of fractions on number lines: common, improper and decimal.
FRACTIONS	FRACP01T	N5	SD	Changing fractions to percentages via equivalents with denominator 100.
FRACTIONS	PERCFT	N5	SD	Percent indicator with fraction as hundredths.
FRACTIONS	PERCFT2	N5	SD	Percent indicator with fraction: enter equivalence.
FRACTIONS	DECTOFRAC	N5+	Open	Decimals to fractions: converts and gives simplest form.
FRACTIONS	DTFT	N5+	OPEN	Decimals to fractions: simplest form.
FRACTIONS	FRACDEC	N5+	Open	Decimals to fractions: check:
FRACTIONS	FRACSIM	N5+	Open	Simplifies fractions and gives decimal equivalent.
FRACTIONS	FRACT13T	N6	SD	Multiply fraction by fraction and simplify.
FRACTIONS	FRACT14T	N6	SD	Multiply whole number by fraction and write as a mixed number.
FRACTIONS	FRACT15T	N6	SD	Divide fraction by fraction and simplify.
FRACTIONS	FRACT15T2	N6	OPEN	Divide fraction by fraction and simplify.

FRACTIONS	FRACT16T	N6	SD	Fractions to decimals.
FRACTIONS	FRACT17T	N6	SD	Decimals to fractions.
FRACTIONS	FRACT18T	N6	SD	Adding and taking fractions with common denominators.
FRACTIONS	FRACT19T	N6	SD	Adding and taking fractions with different denominators.
FRACTIONS	FRACT20T	N6	SD	Fractions to decimals to percent: equivalence.
FRACTIONS	DIVFRT	N6+	OPEN	Division with answer as mixed number.
GRAPHSA	GRAPHPLOT1	A6+	OPEN	Plot $y = ax + c$: 4 quadrants: plot point on line: decimal allowed.
GRAPHSA	LINEAR0T	A6+	SD	Find equations of lines using gradient and intercept: gradient indicator.
GRAPHSA	LINEAR1T	A6+	SD	Find equations of lines given and explore.
GRAPHSA	LINEAR2T	A6+	SD	Find equations of lines given and explore.
GRAPHSA	LINGRAF1	A6+	OPEN	Introduce $y = ax + c$: 1st quadrant: active graph.
GRAPHSA	LINGRAF2	A6+	OPEN	Introduce $y = ax + c$: 1st & 4th quadrants: active graph.
GRAPHSA	LINGRAF3	A6+	OPEN	Introduce $y = ax + c$: 4 quadrants: active graph.
GRAPHSC	CONVGR01	S5+	OPEN	Conversion graph: pounds: kilograms.
GRAPHSC	CONVGR01R	S5+	OPEN	Conversion graph: pounds: kilograms : arithmetic prompt.
GRAPHSC	CONVGR02	S5+	OPEN	Conversion graph: miles: kilometres.
GRAPHSC	CONVGR02R	S5+	OPEN	Conversion graph: miles: kilometres : arithmetic prompt.
GRAPHSC	CONVGR03	S5+	OPEN	Conversion graph: ounces: grams.
GRAPHSC	CONVGR04	S5+	OPEN	Conversion graph: gallons: litres.
INDICES	INDIC00T	N5	SD	Index notation.
INDICES	INDIC02T	N6	SD	Operations with indices.
INDICES	INDIC03T10	N6	SD	Operations with negative indices: multiplication with powers of 10.
INDICES	INDIC03T10D	N6	SD	Operations with negative indices: division with powers of 10.
INDICES	INDIC03T2	N6	SD	Operations with negative indices: multiplication with powers of 2.
INDICES	INDIC03T2D	N6	SD	Operations with negative indices: division with powers of 2.
INDICES	INDIC03T5	N6	SD	Operations with negative indices: multiplication with powers of 5.
INDICES	INDIC03T5D	N6	SD	Operations with negative indices: division with powers of 5.
INDICES	INDIC03TR	N6	SD	Positive and negative indices: looking back.
INDICES	INDIC03TR2A	N6	SD	Positive and negative indices: more than one solution.
INDICES	INDIC03TR2B	N6	SD	Positive and negative indices: more than one solution.
INDICES	INDIC04GT	N6	SD	Algebraic: simplifying and evaluating: mixed indices: mixed operations.
INDICES	INDIC04TD	N6	SD	Simplifying and evaluating: mixed indices: division.
INDICES	INDIC04TM	N6	SD	Simplifying and evaluating: mixed indices: multiplication.
INDICES	INDIC01T	N6	SD	Operations with indices.
INDICESA	ASIMP1	A6+	OPEN	Algebra: multiplication with indices.
INDICESA	ASIMP2	A6+	OPEN	Algebra: division with indices.
INEQUALITIES	BETNS1	N3	SD	Numbers between.
INEQUALITIES	INEQUG1	N3	SD	(>8)
INEQUALITIES	INEQUG2	N3	SD	(>-10)
INEQUALITIES	INEQUL1	N3	SD	(<10)
INEQUALITIES	INEQUL2	N3	SD	(<4)
INEQUALITIES	BETNT	N3+	OPEN	Numbers between: any.
INEQUALITIES	INEQT	N3+	OPEN	Less than: greater than.
INEQUALITIES	INEQUTG1	N3+	OPEN	(Open>)
INEQUALITIES	INEQUTL1	N3+	OPEN	(Open<)
INEQUALITIES	BETDS1	N4	SD	Numbers between: decimal.
INEQUALITIES	BETDS2	N4	SD	Numbers between: decimal.
INEQUALITIES	BETNS2	N4	SD	Numbers between: negative.
INEQUALITIES	INEQUG3	N4	SD	(>=8)
INEQUALITIES	INEQUG4	N4	SD	(>=-8)
INEQUALITIES	INEQUL3	N4	SD	(<=15)
INEQUALITIES	INEQUL4	N4	SD	(<=2)
INEQUALITIES	INEQUS5	N4	SD	(18<numbers<31)
INEQUALITIES	INEQUS6	N4	SD	(-6<numbers<3)
INEQUALITIES	INEQUS7	N4	SD	(4<numbers<7, decimal)
INEQUALITIES	INEQUS8	N4	SD	(3<numbers<4, decimal).
INEQUALITIES	INEQUS9	N4	SD	(1.5<numbers<2, decimal: 2 places).
INEQUALITIES	INEQUT3	N4+	OPEN	(n<numbers<m)
INEQUALITIES	INEQUT4	N4+	OPEN	(n<=numbers<m)
INEQUALITIES	INEQUT5	N4+	OPEN	(n<numbers<=m)
INEQUALITIES	INEQUT6	N4+	OPEN	(n<=numbers<=m)
INEQUALITIES	INEQUTG2	N4+	OPEN	(Open>=)
INEQUALITIES	INEQUTL2	N4+	OPEN	(Open<=)
INEQUALITIES	INEQUS10	N5	SD	(-1<numbers<1, decimal: negatives).
LENGTH	MEASS01	S4+	OPEN	km and m.
LENGTH	MEASS03	S4+	OPEN	m and cm.
LENGTH	MEASS05	S5+	OPEN	m, cm and mm.
LENGTH	MEASS06	S5+	OPEN	m, cm and mm.
LENGTH	MEASS10	S5+	OPEN	m, cm and mm.
MACHINES	MACHT1	N3+	OPEN	Number machines: add and multiply.
MACHINES	MACHT2	N4+	OPEN	Double number machines: add and multiply.
MACHINES	MACHT3	N4+	OPEN	Double number machines: reverse order.
MACHINES	MACHT4	N4+	OPEN	Number machines: single inverse: add.
MACHINES	MACHT5	N4+	OPEN	Number machines: single inverse: multiply.
MACHINES	MACHT6	N5+	OPEN	Double number machines: inverse.
MACHINES	MACHXT1	A5+	OPEN	Algebraic: single: forming equations and co-ordinates.
MACHINES	MACHXT2	A5+	OPEN	Algebraic: double: forming equations and co-ordinates.
MASS	MEASS02	S4+	OPEN	g and kg.
MASS	MEASS04	S4+	OPEN	g and mg.
MASS	MEASS07	S5+	OPEN	g, cg and kg.
MEAN	MEANT	D4+	OPEN	Introducing mean.
MEASURE	SPEED01	S5	OPEN	Speedometer showing mph and km per hour: interactive.
MEASURE	SPEED02	S5	OPEN	Speedometer showing mph: input km per hour: interactive.

MEASURE	UNITC01	S5	OPEN	Converting units of measure. Introduction. Metric and time. Large to small.
MEASURE	UNITC02	S5	OPEN	Converting units of measure. Introduction. imperial. Large to small.
MEASURE	UNITC03	S5	OPEN	Converting units of measure. Introduction. Metric and time. Small to large.
MEASURE	UNITC04	S5	OPEN	Converting units of measure. Introduction. imperial. Small to large.
MEDIAN	MEDNS1	D4	SD	Introducing median
MIXED OPERATIONS	AMAS1	N4	SD	Addition and multiplication: more than one solution.
MIXED OPERATIONS	AMAS2	N4	SD	Addition and multiplication: more than one solution.
MIXED OPERATIONS	AMAS3	N4	SD	Addition and multiplication: more than one solution.
MIXED OPERATIONS	ASAS1	N4	SD	Addition and subtraction: more than one solution.
MIXED OPERATIONS	ASAS2	N4	SD	Addition and subtraction: more than one solution.
MIXED OPERATIONS	BYFS1	N4	SD	Use 2 and 10 to multiply and divide by five.
MIXED OPERATIONS	BYFS2	N4	SD	Use 2 and 10 to multiply and divide by five.
MIXED OPERATIONS	MDMS1	N4	SD	Multiplication and division: more than one solution.
MIXED OPERATIONS	MDMS2	N4	SD	Multiplication and division: more than one solution.
MIXED OPERATIONS	TARGET01	N4	SD	Set target number to make with data set: + - + -: double entry.
MIXED OPERATIONS	TARGET01B	N4	SD	Set target number to make with data set: + - + -: double entry.
MIXED OPERATIONS	AMAT	N4+	OPEN	Addition and multiplication: more than one solution.
MIXED OPERATIONS	AMAT2	N4+	OPEN	Addition and multiplication: more than one solution.
MIXED OPERATIONS	ASAT	N4+	OPEN	Addition and subtraction: more than one solution.
MIXED OPERATIONS	BYFST	N4+	OPEN	Use 2 and 10 to multiply and divide by five.
MIXED OPERATIONS	CHALT2MAX	N4+	OPEN	Number chain: make the largest with $a+bx-c-d÷e$: 2 players, 5 variables.
MIXED OPERATIONS	CHALT2MIN	N4+	OPEN	Number chain: make the smallest with $a+bx-c-d÷e$: 2 players, 5 variables.
MIXED OPERATIONS	CHALTMAX	N4+	OPEN	Number chain: make the largest with + and -: 2 players, 5 variables.
MIXED OPERATIONS	CHALTMIN	N4+	OPEN	Number chain: make the smallest with + and -: 2 players, 5 variables.
MIXED OPERATIONS	MDMT	N4+	OPEN	Multiplication and division: more than one solution.
MIXED OPERATIONS	AMAS4	N5	SD	Addition and multiplication: more than one solution.
MIXED OPERATIONS	AMAS5	N5	SD	Addition and multiplication: more than one solution.
MIXED OPERATIONS	MAKE01	N5	SD	Make largest or smallest with data set: $a+bx-c-d÷e$: double entry: integer.
MIXED OPERATIONS	MAKE02	N5	SD	Make largest or smallest with data set: $a+bx-c-d÷e$: double entry: integer.
MIXED OPERATIONS	MAKE03	N5	SD	Make largest or smallest with data set: $(a+b)×(c-d)÷e$: double entry: integer.
MIXED OPERATIONS	MAKE04	N5	SD	Make largest or smallest with data set: $(a+b)×(c-d)÷e$: double entry: integer.
MIXED OPERATIONS	MAKE05	N5	SD	Make largest or smallest with data set: $a+bx-c-d÷e$: double entry: decimal.
MIXED OPERATIONS	MAKE06	N5	SD	Make largest or smallest with data set: $a+bx-c-d÷e$: double entry: decimal.
MIXED OPERATIONS	MAKE07	N5	SD	Make largest or smallest with data set: $(a+b)×(c-d)÷e$: double entry: decimal.
MIXED OPERATIONS	MAKE08	N5	SD	Make largest or smallest with data set: $(a+b)×(c-d)÷e$: double entry: decimal.
MIXED OPERATIONS	MAKE09	N5	SD	Make largest or smallest with data set: $a+bx(c-d)÷e$: double entry: integer.
MIXED OPERATIONS	MAKE10	N5	SD	Make largest or smallest with data set: $a+bx(c-d)÷e$: double entry: integer.
MIXED OPERATIONS	MAKE11	N5	SD	Make largest or smallest with data set: $a+bx(c-d)÷e$: double entry: decimal.
MIXED OPERATIONS	MAKE12	N5	SD	Make largest or smallest with data set: $a+bx(c-d)÷e$: double entry: decimal.
MIXED OPERATIONS	MAKEIT01	N5	SD	Make largest or smallest with data set: $a+bx-c-d÷e$: single entry: integer.
MIXED OPERATIONS	MAKEIT02	N5	SD	Make largest or smallest with data set: $a+bx-c-d÷e$: single entry: decimal.
MIXED OPERATIONS	MAKEIT03	N5	SD	Make largest or smallest with data set: $a+bx(c-d)÷e$: single entry: integer.
MIXED OPERATIONS	MAKEIT04	N5	SD	Make largest or smallest with data set: $a+bx(c-d)÷e$: single entry: decimal.
MIXED OPERATIONS	MAKEIT05	N5	SD	Make largest or smallest with data set: $(a+b)×c-d÷e$: single entry: integer.
MIXED OPERATIONS	MAKEIT06	N5	SD	Make largest or smallest with data set: $(a+b)×c-d÷e$: single entry: decimal.
MIXED OPERATIONS	MAKEIT07	N5	SD	Make largest or smallest with data set: $(a+b)×(c-d)÷e$: single entry: integer.
MIXED OPERATIONS	MAKEIT08	N5	SD	Make largest or smallest with data set: $(a+b)×(c-d)÷e$: single entry: decimal.
MIXED OPERATIONS	OPSPUZ3BT	N5	OPEN	Make calculator puzzle: brackets: 3 operators: 4 numbers. Checks possibility ahead.
MIXED OPERATIONS	OPSPUZ3T	N5	OPEN	Make calculator puzzle: 3 operators: 4 numbers. Checks possibility ahead.
MIXED OPERATIONS	OPSPUZ4T	N5	OPEN	Make calculator puzzle: 4 operators: 5 numbers. Checks possibility ahead.
MIXED OPERATIONS	TARGET02	N5	SD	Set target number to make with data set: + x + -: double entry.
MIXED OPERATIONS	TARGET02B	N5	SD	Set target number to make with data set: + x + -: double entry.
MIXED OPERATIONS	TARGET03	N5	SD	Set target number to make with data set: + x + x: double entry.
MIXED OPERATIONS	TARGET03B	N5	SD	Set target number to make with data set: + x + x: double entry.
MIXED OPERATIONS	TARGET04	N5	SD	Set target number to make with data set: + x - x: double entry.
MIXED OPERATIONS	TARGET04B	N5	SD	Set target number to make with data set: + x - x: double entry.
MIXED OPERATIONS	TARGET05	N5	SD	Set target number to make with data set: + x - ÷: double entry.
MIXED OPERATIONS	TARGET05B	N5	SD	Set target number to make with data set: + x - ÷: double entry.
MIXED OPERATIONS	ASATF1	N5	OPEN	Addition and subtraction: more than one solution. Fractions allowed. Open input.
MIXED OPERATIONS	ASATF2	N5	OPEN	Subtraction and addition: more than one solution. Fractions allowed. Open input.
MIXED OPERATIONS	MDATF1	N5	OPEN	Multiplication and division: more than one solution. Fractions allowed. Open input.
MIXED OPERATIONS	MDATF2	N5	OPEN	Division and multiplication: more than one solution. Fractions allowed. Open input.
MIXED OPERATIONS	MSATF1	N5	OPEN	Multiplication and subtraction: more than one solution. Fractions allowed. Open input.
MIXED OPERATIONS	MSATF2	N5	OPEN	Subtraction and multiplication: more than one solution. Fractions allowed. Open input.
MIXED OPERATIONS	ADATF1	N5	OPEN	Division and addition: more than one solution. Fractions allowed. Open input.
MIXED OPERATIONS	ADATF2	N5	OPEN	Addition and division: more than one solution. Fractions allowed. Open input.
MIXED OPERATIONS	AMATF1	N5	OPEN	Multiplication and addition: more than one solution. Fractions allowed. Open input.
MIXED OPERATIONS	AMATF2	N5	OPEN	Addition and multiplication: more than one solution. Fractions allowed. Open input.
MODE	MODES1	D4	SD	Introducing Mode.
MONEY	MONS1	N3	SD	Money: writing in two ways.
MONEY	MONPS2	N5	SD	Money problems: rounding from calculator display.
MONEY	MONRT	N5+	OPEN	Money: rounding from calculator display.
MULTIPLICATION	TRIBYS1	N3	SD	Triangular puzzle: introduction.
MULTIPLICATION	TRIBYS2	N3	SD	Triangular puzzle: introduction.
MULTIPLICATION	TRIBYS3	N3	SD	Triangular puzzle: using common factors.
MULTIPLICATION	TRIBYS4	N3	SD	Triangular puzzle: larger numbers.
MULTIPLICATION	TRIBYT	N3+	Open	Triangular puzzle.
MULTIPLICATION	LMS3600	N4	SD	Find pairs of 2 digit numbers whose product is 3600.
MULTIPLICATION	MMMS1	N4	SD	Multiplication: more than one solution.
MULTIPLICATION	MMMS2	N4	SD	Multiplication: more than one solution.
MULTIPLICATION	MMMS3	N4	SD	Multiplication: more than one solution.
MULTIPLICATION	MMMS4	N4	SD	Multiplication: more than one solution.
MULTIPLICATION	MMMS5	N4	SD	Multiplication: more than one solution.

MULTIPLICATION	MULTABS1	N4	SD	Multiplication: table form.
MULTIPLICATION	MULTABS2	N4	SD	Multiplication: table form.
MULTIPLICATION	MULTABS3	N4	SD	Multiplication: table form.
MULTIPLICATION	LMULT	N4+	OPEN	Long Multiplication 2 by 2
MULTIPLICATION	LMULT2	N4+	OPEN	Long Multiplication 2 by 3
MULTIPLICATION	GMULT22	N4+	OPEN	Grid multiplication, 2 digit by 2 digit.
MULTIPLICATION	GMULT32	N4+	OPEN	Grid multiplication, 3 digit by 2 digit.
MULTIPLICATION	TRIBYS5	N4	SD	Triangular puzzle: with negatives.
MULTIPLICATION	CALPUZT1	N4+	OPEN	Limited calculator: 2, 3, x, =.
MULTIPLICATION	CALPUZT2	N4+	OPEN	Limited calculator: 2, 5, x, =.
MULTIPLICATION	CALPUZT3	N4+	OPEN	Limited calculator: 3, 5, x, =.
MULTIPLICATION	CALPUZT4	N4+	OPEN	Limited calculator: 2, 3, 5, x, =.
MULTIPLICATION	CALPUZT5	N4+	OPEN	Limited calculator: 1, 2, 3, x, =.
MULTIPLICATION	LMS01	N4+	OPEN	Explore multiplication using product: active long multiplication display.
MULTIPLICATION	MMMT	N4+	OPEN	Multiplication: more than one solution.
MULTIPLICATION	MULTABT	N4+	OPEN	Multiplication: table form.
MULTIPLICATION	NAPROD	N5	OPEN	Napier's rods.
MULTIPLICATION	LGMULT22	N5	OPEN	Lattice grid, 2 digit by 2 digit.
MULTIPLICATION	LGMULT23	N5	OPEN	Lattice grid, 2 digit by 3 digit.
MULTIPLICATION	LMS3456	N5	SD	Find pair of 2 digit numbers whose product is 3456.
MULTIPLICATION	MMPRS1	N5	SD	Multiplication: more than one solution.
MULTIPLICATION	DMD04	N5+	OPEN	Mental multiplication method machine.
MULTIPLICATION	DMULT	N5+	OPEN	Multiplication with decimals: strategy 1.
MULTIPLICATION	MMPRT	N5+	OPEN	Multiplication: more than one solution.
MULTIPLICATION	MULD	N5+	OPEN	Multiplication with decimals: strategy 2.
MULTIPLICATION	BTENHT	N4+	OPEN	Multiplying by powers of ten.
NETS	NETS2	S5	SD	Identify nets of solids.
NETS	NETS2C	S5	SD	Identify names of nets of solids.
NETS	NETSC1	S5	SD	Identify nets of cubes.
NUMBERS	NUMBS1	N3	SD	Naming numbers.
NUMBERS	NLINET	N3+	OPEN	Play with the number line.
ORDER	ORDS1	N3	SD	Sorting numbers: 2 digit.
ORDER	ORDS2	N3	SD	Sorting numbers: 3 digit.
ORDER	SORTS1	N3	SD	Sorting numbers: 1 and 2 digit.
ORDER	SORTS2	N3	SD	Sorting numbers: 1 and 2 digit.
ORDER	SORTS3	N3	SD	Sorting numbers: 3 and 4 digit.
ORDER	SORTT	N3+	OPEN	Sorting numbers: open.
ORDER	ORDS3	N4	SD	Sorting numbers: negative integers.
ORDER	ORDS4	N4	SD	Sorting numbers: decimal.
ORDER	SORTS4	N4	SD	Sorting numbers: decimal.
ORDER	SORTS5	N4	SD	Sorting numbers: negatives.
PERCENT	FRACPCS1	N5	SD	Percent blue on bar to fraction: active indicator control.
PERCENT	PERCFT	N5	SD	Active indicator with fraction as hundredths.
PERCENT	PERCFT2	N5	SD	Active indicator with fraction: enter equivalence.
PERCENT	PERCRS1	N5	SD	Coloured fractions of rectangle as percent.
PERCENT	PERCS1	N5	SD	Fractions to percent.
PERCENT	PERCS3	N5	SD	Percent to decimals: decimals to percent.
PERCENT	PERCS4	N5	SD	Percentage of: through finding 1% first.
PERCENT	PERCS5	N5	SD	Percentage of: through finding 1% first.
PERCENT	PERCIT	N5+	OPEN	Increase by a selected %: completing statements in any direction.
PERCENT	PERCITD	N5+	OPEN	Decrease by a selected %: completing statements in any direction.
PERCENT	PERCS2	N5+	OPEN	Estimate percent blue on bar: active indicator control.
PERCENT	PERCT	N5+	OPEN	Active indicator.
PERCENT	PERCT2	N5+	OPEN	Percentage of: through finding 1% first.
PERCENT	VATMAN	N5+	OPEN	Apply VAT: complete statements in any direction.
PERIMETER	PAREAS1	S4	SD	Perimeter and area: grid.
PERIMETER	PAREAS2	S5+	SD	Calculate missing sections of perimeters.
PLACE	HEAT01	N3	OPEN	Interactive thermometers. Positive.
PLACE	HEAT02	N4	OPEN	Interactive thermometers, positive and negative.
PLACE	PLACES1	N3	SD	Place value words.
PLACE	PLACT	N3+	OPEN	Place targets: using units to form the nearest number.
PLACE	NNLINE	N5+	OPEN	Number line in 10 parts: choose endpoints: find intermediate points.
PLACE	NNLINEMP	N5+	OPEN	Number line: choose endpoints: find mid-point.
PLACE	NNLINEP	N5+	OPEN	Number line: choose endpoints: find 4 intermediate points.
POSITION	DIRECS1	S3	SD	Position on a grid.
POSITION	NORFOLK	S4	SD	Using map co-ordinates. Enter 2 places and their co-ordinates. Distance given.
POSITION	NORFOLK0	S4	SD	Using six figure references Enter 2 places and their references. Distance given.
POWERS	SQCU02T	N5	SD	Squares of integers and decimals: compare.
POWERS	SQCU03T	N6	SD	Cubes of integers and decimals: compare.
POWERS	SQCU04T1	N6	SD	Square and root: integer.
POWERS	SQCU04T2	N6	SD	Square and root: decimal.
POWERS	SQCU04T3	N6	SD	Product of squares: mainly integer.
POWERS	SQCU04T4	N6	SD	Product of squares: mainly decimal.
PROBABILITY	PRBABS1	D4	SD	Probability on a number line.
PROBABILITY	PRBABS2	D5	SD	Probability on a number line.
PROBABILITY	PRBABS3	D5	SD	As a fraction: simple events with a single dice.
PROBABILITY	PRBAB06T1	D6	SD	Outcomes with 2 triangular spinners: properties of numbers.
PROBABILITY	PRBAB08T	D6	SD	Outcomes and Probability with 2 cubical dice: sum.
PROBABILITY	PRBAB08TB	D6	SD	Outcomes and Probability with 2 cubical dice: difference.
PROBABILITY	PRBAB09T	D6	SD	Probability with a hexagonal spinner: properties of numbers.
PROBABILITY	PRBAB09TB	D6	SD	Probability with 2 hexagonal spinners: properties of numbers.
PROBABILITY	PRBAB09TC	D6	SD	Probability with 2 hexagonal spinners: properties of numbers.
PROBABILITY	PRBAB10T	D6	SD	Probability with 2 hexagonal spinners: independent events.

PROBLEMS	MNUMS01	N3	SD	Missing numbers: hundred squares.
PROBLEMS	MNUMS01B	N3	SD	Missing numbers: hundred squares.
PROBLEMS	PROBLMS1	N3	SD	Addition problem: using variables.
PROBLEMS	TWOANS1	N3	SD	Pairs of problems with the same solution: integer.
PROBLEMS	MNUMS01T	N3+	OPEN	Missing numbers: hundred squares.
PROBLEMS	MNUM02EA	N4	SD	Missing numbers: 8x8 squares.
PROBLEMS	MNUM02EB	N4	SD	Missing numbers: 8x8 squares.
PROBLEMS	MNUM02FA	N4	SD	Missing numbers: 5x5 squares.
PROBLEMS	MNUM02FB	N4	SD	Missing numbers: 5x5 squares.
PROBLEMS	MNUM02NA	N4	SD	Missing numbers: 9x9 squares.
PROBLEMS	MNUM02NB	N4	SD	Missing numbers: 9x9 squares.
PROBLEMS	MNUM02SA	N4	SD	Missing numbers: 6x6 squares.
PROBLEMS	MNUM02SB	N4	SD	Missing numbers: 6x6 squares.
PROBLEMS	MNUM02WA	N4	SD	Missing numbers: 7x7 squares.
PROBLEMS	MNUM02WB	N4	SD	Missing numbers: 7x7 squares.
PROBLEMS	MNUM03DA	N4	SD	Missing numbers: 12x12 squares.
PROBLEMS	MNUM03DB	N4	SD	Missing numbers: 12x12 squares.
PROBLEMS	PROBLMS2	N4	SD	Subtraction problem: using variables.
PROBLEMS	TWOANS2	N4	SD	Pairs of problems with the same solution: negatives.
PROBLEMS	MNUMS02E	N4+	OPEN	Missing numbers: 8x8 squares.
PROBLEMS	MNUMS02F	N4+	OPEN	Missing numbers: 5x5 squares.
PROBLEMS	MNUMS02N	N4+	OPEN	Missing numbers: 9x9 squares.
PROBLEMS	MNUMS02S	N4+	OPEN	Missing numbers: 6x6 squares.
PROBLEMS	MNUMS02W	N4+	OPEN	Missing numbers: 7x7 squares.
PROBLEMS	MNUMS03D	N4+	OPEN	Missing numbers: 12x12 squares.
PROBLEMS	TWOANS3	N5	SD	Pairs of problems with the same solution: decimal.
PROBLEMS	PAREAPS1	S5+	OPEN	Problem with area and perimeter.
PROPERTIES	VENNS1	N3	SD	Using Venn Diagrams: 2 digit and odd numbers.
PROPERTIES	VENNS2	N3	SD	Using Venn Diagrams: numbers >10 and <20.
PROPERTIES	VENNS3	N3	SD	Using Venn Diagrams: multiples of 3, even.
PROPERTIES	VENNS4	N3	SD	Using Venn Diagrams: multiples of 4, <25.
PROPERTIES	VENNO1S	N4	SD	Venn diagram: positive integers, multiples of 2 and 3.
PROPERTIES	VENNO2S	N4	SD	Venn diagram: positive integers, multiples of 2 and 5.
PROPERTIES	VENNO3S	N4	SD	Venn diagram: positive integers, multiples of 6 and 14.
PROPERTIES	VENNO4S	N4	SD	Venn diagram: positive integers, multiples of 4 and 15.
PROPERTIES	VENNO5S	N4	SD	Venn diagram: positive integers >50 and <100, multiples of 4 and 6.
PROPERTIES	VENNO6S	N4	SD	Venn diagram: positive integers >50 and <100, multiples of 6 and 8.
PROPERTIES	VENNO7S	N4	SD	Venn diagram: positive integers >50 and <100, multiples of 6 and 10.
PROPERTIES	VENNO8S	N4	SD	Venn diagram: positive integers >50 and <100, multiples of 8 and 12.
PROPERTIES	VENN235	N4	SD	Venn diagram: multiples of 2, 3 and 5.
PROPERTIES	VENN257	N4	SD	Venn diagram: multiples of 2, 5 and 7.
PROPERTIES	VENN347	N4	SD	Venn diagram: multiples of 3, 4 and 7.
PROPERTIES	VENN3N2351	N4	SD	Venn diagram: positive integers, multiples of 2, 3 and 5: one per region.
PROPERTIES	VENN3N2352	N4	SD	Venn diagram: positive integers, multiples of 2, 3 and 5: two per region.
PROPERTIES	VENN3N3471	N4	SD	Venn diagram: positive integers, multiples of 3, 4 and 7: one per region.
PROPERTIES	VENN3N3472	N4	SD	Venn diagram: positive integers, multiples of 3, 4 and 7: two per region.
PROPERTIES	VENN3N5791	N4	SD	Venn diagram: positive integers, multiples of 5, 7 and 9: one per region.
PROPERTIES	VENN3N5792	N4	SD	Venn diagram: positive integers, multiples of 5, 7 and 9: two per region.
PROPERTIES	VENN597	N4	SD	Venn diagram: multiples of 5, 9 and 7.
PROPERTIES	VENNF31	N4	SD	Venn diagram: place 1 to 15, factors of 6, 10 and 14.
PROPERTIES	VENNF32	N4	SD	Venn diagram: place 1 to 18, factors of 8, 12 and 18.
PROPERTIES	VENNS5	N4	SD	Using Venn Diagrams: multiples of 2 and 5.
PROPERTIES	VENNS6	N4	SD	Using Venn Diagrams: multiples of 2, factors of 18
PROPERTIES	VENNS7	N4	SD	Using Venn Diagrams: multiples of 3, factors of 15
PROPERTIES	VENNS8	N4	SD	Using Venn Diagrams: factors of 18, prime.
PROPERTIES	VENNS9	N4	SD	Using Venn Diagrams: square, factors of 16.
PROPERTIES	MFPFS	N5	SD	Picking numbers by properties: mixed.
PROPERTIES	MULTSS1	N5	SD	Picking numbers by properties: multiples.
PROPERTIES	VENNF33	N5	SD	Venn diagram: place 1 to 12, prime numbers, factors of 8 and 12.
PROPERTIES	VENNF34	N5	SD	Venn diagram: place 1 to 15, prime numbers, factors of 9 and 15.
PROPERTIES	VENNF35	N5	SD	Venn diagram: place 1 to 16, prime, square and triangular numbers.
PUZZLES	PUZNM51	N3	SD	Sum and difference: truth table.
PUZZLES	PUZNM52	N3	SD	Sum and difference: truth table.
PUZZLES	PUZNM53	N3	SD	Product and difference: truth table.
PUZZLES	PUZNM54	N3	SD	Product and sum: truth table.
PUZZLES	PUZNWS1	N3	SD	Odd and even: truth table.
PUZZLES	PUZSQS1	N3	SD	Two by two hidden number addition puzzle.
PUZZLES	PUZSQS2	N3	SD	Two by two hidden number addition puzzle.
PUZZLES	STAR51	N3	SD	Magic star puzzle: sum.
PUZZLES	STAR52	N3	SD	Magic star puzzle: sum.
PUZZLES	TRIBYS2	N3	SD	Triangular puzzle: introduction.
PUZZLES	TRIBYS3	N3	SD	Triangular puzzle: using common factors.
PUZZLES	TRIBYS4	N3	SD	Triangular puzzle: larger numbers.
PUZZLES	TRIBYT	N3+	OPEN	Triangular puzzle.
PUZZLES	MAGICS	N4	SD	Introduce magic squares.
PUZZLES	MAGICS2	N4	SD	Two magic squares.
PUZZLES	MIDISUD1	N4	SD	Midi SU DOKU on 8 by 8 grid.
PUZZLES	MIDISUD2	N4	SD	Midi SU DOKU on 8 by 8 grid.
PUZZLES	MIDISUDT	N4	OPEN	8 by 8 midi SU DOKU all cells blank. Accepts and checks any data.
PUZZLES	MINISUD1	N4	SD	Mini SU DOKU on 4 by 4 grid.
PUZZLES	MINISUD2	N4	SD	Mini SU DOKU on 4 by 4 grid.
PUZZLES	MINISUD3	N4	SD	Mini SU DOKU on 4 by 4 grid.
PUZZLES	MINISUD4	N4	SD	Mini SU DOKU on 4 by 4 grid.

PUZZLES	MINISUD5	N4	SD	Mini SU DOKU on 4 by 4 grid.
PUZZLES	MINISUD6	N4	SD	Mini SU DOKU on 4 by 4 grid.
PUZZLES	MINISUDT	N4	OPEN	Mini SU DOKU all cells blank. Accepts and checks any data.
PUZZLES	PUZNM5	N4	SD	Sum, product and difference: truth table.
PUZZLES	PUZNM6	N4	SD	Sum, product, difference and quotient: truth table.
PUZZLES	PUZNM7	N4	SD	Sum and multiple: truth table.
PUZZLES	PUZNM8	N4	SD	Sum, product and multiple: truth table.
PUZZLES	PUZSQ3	N4	SD	Two by two hidden number addition puzzle.
PUZZLES	PUZSQ4	N4	SD	Three by three hidden number addition puzzle.
PUZZLES	PUZSQ5	N4	SD	Three by three hidden number addition puzzle.
PUZZLES	PUZSQ6	N4	SD	Three by three hidden number addition puzzle.
PUZZLES	SIXSUD1	N4	SD	Mini SU DOKU on 6 by 6 grid.
PUZZLES	SIXSUD2	N4	SD	Mini SU DOKU on 6 by 6 grid.
PUZZLES	SIXSUDT	N4	OPEN	6 by 6 mini SU DOKU all cells blank. Accepts and checks any data.
PUZZLES	STARS3	N4	SD	Magic star puzzle: sum.
PUZZLES	STARS4	N4	SD	Magic star puzzle: sum: some negatives.
PUZZLES	TRIBYS5	N4	SD	Triangular puzzle: with negatives.
PUZZLES	TRIPUZS1	N4	SD	Triangular addition puzzles.
PUZZLES	TRIPUZS2	N4	SD	Triangular difference puzzles.
PUZZLES	TRIPUZS3	N4	SD	Triangular multiplication puzzles.
PUZZLES	MAXISUD1	N5	SD	SU DOKU problem.
PUZZLES	MAXISUD2	N5	SD	SU DOKU problem.
PUZZLES	MAXISUDT	N5	OPEN	SU DOKU all cells blank. Accepts and checks any data.
PUZZLES	PUZSQS7	N5	SD	Three by three hidden number addition puzzle.
PUZZLES	PUZSQS8	N5	SD	Three by three hidden number addition puzzle.
PUZZLES	PUZSQS9	N5	SD	Three by three hidden number addition puzzle.
PUZZLES	TRIBYS1	N3	SD	Triangular puzzle: introduction.
RATIO	RATIOSF01	N5+	OPEN	Ratio: simplest form, 1:n, n:1, checks truth of inputs.
RATIO	RATIOT	N5+	OPEN	Active bar: set(hidden) and estimate ratios.
RECIPROCAL	RECIPR	N6+	OPEN	Reciprocal: open tool: fraction and decimal.
RECTANGLES	PROPPECQA	N5	OPEN	Calculate angles, one given.
REFLECTION	REFLECT	S6+	OPEN	Reflect shape in lines parallel to axes: active display.
REFLECTION	REFLECT2	S6+	OPEN	Reflect quadrilaterals in lines parallel to axes: active display.
REFLECTION	REFLECT3	S6+	OPEN	Reflect triangles in lines parallel to axes: active display.
REFLECTION	REFLECT4	S6+	OPEN	Reflect quadrilaterals in $y = x$ and $y = -x$: active display.
REFLECTION	REFLECT5	S6+	OPEN	Reflect triangles in $y = x$ and $y = -x$: active display.
REFLECTION	REFLECT6	S6+	OPEN	Reflect quadrilaterals in $y = mx$: control position: active display.
REFLECTION	REFLECT7	S6+	OPEN	Reflect quadrilaterals in $y = mx$: control position and size: active display.
ROTATION	ROTATOR	S4+	OPEN	Rotate chosen letter about given point: any angle.
ROTATION	ROTATE00	S6+	OPEN	Rotate diagram about the origin: any angle: active display.
ROTATION	ROTATE01	S6+	OPEN	Rotate diagram about the origin: any angle: automated 360 rotation.
ROTATION	ROTATE02	S6+	OPEN	Rotate diagram about any point: any angle: active display.
ROTATION	ROTATE03	S6+	OPEN	Rotate diagram about any point: any angle: automated 360 rotation.
ROTATION	ROTATE05	S6+	OPEN	Rotate rectangle about any point: any angle: automated 360 rotation.
ROTATION	ROTATE06	S6+	OPEN	Rotate chosen quadrilateral about any point: any angle.
ROTATION	ROTATE06X	S6+	OPEN	Rotate chosen quadrilateral about any point: select position: any angle.
ROTATION	ROTATE06Y	S6+	OPEN	Comprehensive quadrilateral rotating tool.
ROTATION	ROTATE07	S6+	OPEN	Rotate chosen triangle about any point: any angle.
ROTATION	ROTATE07X	S6+	OPEN	Rotate chosen triangle about any point: select position: any angle.
ROTATION	ROTATE07Y	S6+	OPEN	Comprehensive triangle rotating tool.
ROTATION	ROTATE09	S6+	OPEN	Rotate chosen polygon about given point: any angle.
ROTATION	ROTATE10	S6+	OPEN	Rotate chosen polygon about any point: any angle.
ROTATION	ROTATE10Y	S6+	OPEN	Rotate chosen polygon: any point: through any angle: comprehensive.
ROTATION	ROTATEM	S6+	OPEN	Rotate chosen letter about any point: any angle.
ROUNDING	ROUNDS1	N3	SD	Round to nearest 10.
ROUNDING	ROUNDS2	N4	SD	Round to nearest 100.
ROUNDING	ROUNDS3	N4	SD	Round to nearest 1000.
ROUNDING	ROUNDS10	N5	SD	Two places of decimals.
ROUNDING	ROUNDS4	N5	SD	Round to nearest 1.
ROUNDING	ROUNDS5	N5	SD	Round to nearest tenth.
ROUNDING	ROUNDS6	N5	SD	Place value.
ROUNDING	ROUNDS7	N5	SD	One significant figure.
ROUNDING	ROUNDS8	N5	SD	Two significant figures.
ROUNDING	ROUNDS9	N5	SD	One place of decimals.
ROUNDING	ROUNDT4	N5+	OPEN	One place of decimals.
ROUNDING	ROUNDT5	N5+	OPEN	Two places of decimals.
SEQUENCES	SEQFMS1	N2+	OPEN	Forming sequences: addition: from first term.
SEQUENCES	SEQFMS2	N3+	OPEN	Forming sequences: addition: from any term.
SEQUENCES	SEQFMS3	N3+	OPEN	Forming sequences: subtraction: from first term.
SEQUENCES	SEQMXS1	N3+	OPEN	Finding missing terms: adding on: integer.
SEQUENCES	SEQFMS4	N4+	OPEN	Forming sequences: subtraction: from any term.
SEQUENCES	SEQFMS5	N4+	OPEN	Forming sequences: multiplication: from first term.
SEQUENCES	SEQFMS6	N4+	OPEN	Forming sequences: multiplication: from any term.
SEQUENCES	SEQFMS7F	N4+	OPEN	Forming sequences: division by 5: from first term.
SEQUENCES	SEQFMS7T	N4+	OPEN	Forming sequences: division by 2: from first term.
SEQUENCES	SEQFMS8F	N4+	OPEN	Forming sequences: division by 5: from any term.
SEQUENCES	SEQFMS8T	N4+	OPEN	Forming sequences: division by 2: from any term.
SEQUENCES	SEQMXS10	N4+	OPEN	Finding missing terms: multiplier: decimal.
SEQUENCES	SEQMXS11	N4+	OPEN	Finding missing terms: multiplier: integer.
SEQUENCES	SEQMXS12	N4+	OPEN	Finding missing terms: multiplier: decimal.
SEQUENCES	SEQMXS2	N4+	OPEN	Finding missing terms: adding on: decimal.
SEQUENCES	SEQMXS3	N4+	OPEN	Finding missing terms: adding on: integer.
SEQUENCES	SEQMXS4	N4+	OPEN	Finding missing terms: adding on: decimal.

SEQUENCES	SEQMXS5	N4+	OPEN	Finding missing terms: adding on: integer.
SEQUENCES	SEQMXS6	N4+	OPEN	Finding missing terms: adding on: decimal.
SEQUENCES	SEQMXS7	N4+	OPEN	Finding missing terms: multiplier: integer.
SEQUENCES	SEQMXS8	N4+	OPEN	Finding missing terms: multiplier: decimal.
SEQUENCES	SEQMXS9	N4+	OPEN	Finding missing terms: multiplier: integer.
SHAPE	SCONT00	S4	SD	Recognising Similarity.
SHAPE	SHAPE1	S4	SD	Identify names of quadrilaterals.
SHAPE	SHAPE2	S4	SD	Identify names of polygons.
SHAPE	SHAPE3	S4	SD	Identify types of triangles.
SHAPE	SHAPE4	S4	SD	Identify names of solids.
SHAPE	SHAPES2	S4	SD	Matching similar shapes.
SHAPE	QUADS1	S5	SD	Inserting quadrilateral names to make set of true relational statements.
SHAPE	SHAPES6	S5	SD	Naming polygons using letters at vertices.
SHAPE	SHAPEV01T	S5	SD	Sorting quadrilaterals by properties from shapes: Venn diagram.
SHAPE	SHAPEV02T	S5	SD	Sorting quadrilaterals by properties using shape names: Venn diagram.
SHAPE	SHAPEV03T	S5	SD	Sorting plane shapes by properties using diagrams: Venn diagram.
SHAPE	SCONT01	S5+	SD	Recognising Similarity and Congruence: comparing rectangles.
SHAPE	SCONT02	S5+	SD	Recognising Similarity and Congruence: comparing triangles.
SIGNIFICANCE	SFIGSS	N5+	OPEN	Gives significance of input.
SIGNIFICANCE	SFIGST	N5+	OPEN	Checks significance of input.
SPACE	SHAPP01	S4	SD	Complete squares from 1 side given. 10 questions. Active graphics.
SPACE	QUADPKIT	S4+	OPEN	Checks properties to see if a kite
SPACE	QUADPPAT	S4+	OPEN	Checks properties to see if a parallelogram
SPACE	QUADPRECT	S4+	OPEN	Checks properties to see if a rectangle
SPACE	QUADPRHT	S4+	OPEN	Checks properties to see if a rhombus
SPACE	QUADRAW1	S4+	OPEN	Draws from input ABCD and shows AC and BD on completion.
SPACE	QUADRAW2	S4+	OPEN	Draws from input ABCD. Gives values of point of visible intersection.
SPACE	QUADRAW2A	S4+	OPEN	Draws from input ABCD shows intersection when convex. Input values.
SPACE	QUADRAW2X	S4+	OPEN	Draws from input ABCD shows intersection and values when convex..
SPACE	QUADRAW2XA	S4+	OPEN	Draws from input ABCD. Checks input values of point of intersection.
SPACE	QUADRAW3	S4+	OPEN	As QUADRAW1 with 4 quadrants.
SPACE	QUADRAW4	S4+	OPEN	As QUADRAW2 with 4 quadrants.
SPACE	SHAPP01Q	S5	SD	Complete squares. 10 questions. Active graphics. 4 quadrants.
SPACE	SHAPP02	S5	SD	Complete rectangles from 1 side and centre given. 10 q. Active graphics.
SPACE	SHAPP03	S5	SD	Complete parallelograms from 1 side and centre given. 10 q. Active graphics.
SPACE	SHAPP06	S5	SD	Complete quadrilaterals from 1 side given. 10 questions. Active graphics.
SPACE	SHAPP07	S6	SD	Complete quadrilaterals from 1 side given. 10 questions. Active graphics.
SPIRALS	SPIREM	S5+	OPEN	Investigate spirals with 3 variables and 120 iterations
SQUARE	SQCUS1	N5	SD	Squares and roots.
SQUARE	SQCUS2	N5	SD	Squares and roots.
SQUARE	SQCUT	N5+	OPEN	Squares and roots.
SQUARE	SQNU1	N5+	OPEN	Square a number: index notation.
SQUARE	XSQUARED	N5+	OPEN	Squares and roots: graph: plots.
SUBSTITUTION	ALGEB13T1	A5	SD	Substitution: same expressions: different variables.
SUBSTITUTION	ALGEB13T2	A5	SD	Substitution: same expressions: different variables.
SUBSTITUTION	ALGEB13T3	A5	SD	Substitution: same expressions: different variables.
SUBSTITUTION	ALGEB13T4	A5	SD	Substitution: same expressions: different variables.
SUBSTITUTION	ALGEB14T1	A5	SD	Substitution: same expressions: different variables.
SUBSTITUTION	ALGEB14T2	A5	SD	Substitution: same expressions: different variables.
SUBSTITUTION	ALGEB14T3	A5	SD	Substitution: same expressions: different variables.
SUBSTITUTION	ALGEB14T4	A5	SD	Substitution: same expressions: different variables.
SUBSTITUTION	ALGEB16T1	A5	SD	Substitution: same variables: different expressions.
SUBSTITUTION	ALGEB16T2	A5	SD	Substitution: same variables: different expressions.
SUBSTITUTION	ALGEB16T3	A5	SD	Substitution: same variables: different expressions.
SUBSTITUTION	ALGEB16T4	A5	SD	Substitution: same variables: different expressions.
SUBSTITUTION	ALGEB15T1	A6	SD	Substitution: Table form.
SUBSTITUTION	ALGEB15T2	A6	SD	Substitution: Table form.
SUBTRACTION	DIFTABS1	N3	SD	Difference: table form.
SUBTRACTION	SSPRS1	N3	SD	Subtraction: more than one solution.
SUBTRACTION	TRIDIFS1	N3	SD	Triangular puzzle.
SUBTRACTION	TAKES1	N3	SD	Pen and paper method.
SUBTRACTION	SUBITS	N3+	OPEN	Pen and paper method.
SUBTRACTION	DIFTABT	N3+	OPEN	Difference: table form.
SUBTRACTION	SSPRT	N3+	OPEN	Subtraction: more than one solution.
SUBTRACTION	SSST	N3+	OPEN	Two subtractions: more than one solution.
SUBTRACTION	TRIDIFT	N3+	OPEN	Triangular puzzle.
SUBTRACTION	DIFTABS2	N4	SD	Difference: table form.
SUBTRACTION	SUBTAB1	N4	SD	Subtraction table: positive small integers.
SUBTRACTION	SUBTAB2	N4	SD	Subtraction table: positive integers.
SUBTRACTION	TRIDIFS2	N4	SD	Triangular puzzle.
SUBTRACTION	TRIDIFS3	N4	SD	Triangular puzzle.
SUBTRACTION	TRIDIFS4	N4	SD	Triangular puzzle.
SUBTRACTION	TRIDIFS5	N4	SD	Triangular puzzle.
SUBTRACTION	DWEBT	N4+	OPEN	Difference web.
SUBTRACTION	NEGTT	N4+	OPEN	Difference in temperatures: active thermometers.
SUBTRACTION	SUBTABT	N4+	OPEN	Subtraction table: open.
SUBTRACTION	SUBTAB3	N5	SD	Subtraction table: negative solution given positive integers.
SUBTRACTION	SUBTAB4	N5	SD	Subtraction table: negative numbers.
SYMMETRY	LINESYM3	S4	SD	Line symmetry of plain shapes.
SYMMETRY	SYMS1	S4	SD	Lines and order of rotation of plain shapes.
SYMMETRY	SYMV01T	S4	SD	Line and rotational symmetry: sorting letters: Venn diagram.
SYMMETRY	ROTA04	S4+	SD	Rotating shapes. (S4+) Dynamic diagrams from worksheet SHAPE04.
SYMMETRY	ROTA04B	S4+	SD	Rotating shapes. (S4+) Dynamic diagrams from worksheet SHAPE04B.

SYMMETRY	ROTA04C	S4+	SD	Rotating shapes. (S4+) Dynamic diagrams from worksheet SHAPE04C.
SYMMETRY	ROTA04D	S4+	SD	Rotating shapes. (S4+) Dynamic diagram. Extra shapes.
SYMMETRY	ROTAD	S4+	SD	Rotating numerals. (S4+) Dynamic diagram. Calculator digits.
SYMMETRY	ROTALET	S4+	SD	Rotating letters. (S4+) Dynamic diagram. Input order of rotation and line symmetry.
SYMMETRY	ROTATE09	S4+	OPEN	Rotate chosen polygon about centre: any angle: dynamic diagram.
SYMMETRY	ROTATOR	S4+	Open	Interactive letter rotator.
SYMMETRY	ROTATOR2	S5+	OPEN	Rotate chosen shape: any angle: input order of rotational symmetry.
SYMMETRY	ROTATEM2	S6+	OPEN	Rotate chosen letter about any point: input lines of symmetry.
SYMMETRY	ROTATEM3	S6+	OPEN	Rotate chosen shape about any point: input lines of symmetry.
TABLES	TABLS1	D4	SD	Reading information tables.
TABLES	TABLS2	D4	SD	Reading distance tables: miles.
TABLES	TABLS3	D4	SD	Reading distance tables: km.
TIME	CLOCK01	S4	OPEN	Twenty four to twelve hour times: active clock.
TIME	TIMES1	S4	SD	Twenty four and twelve hour times.
TIME	TIMES2	S4	SD	Bus timetable.
TIME	TIMEDS1	S4+	OPEN	Calculating time differences: 24 hr clock.
TRANSLATION	TRANSP0	S3	Open	Translate diagram using left, right, up and down: 1st quadrant.
TRANSLATION	TRANSP1	S3	Open	Translate diagram using left, right, up and down: 4 quadrants.
TRANSLATION	TRANSP2	S5	Open	Translate quadrilaterals using directed numbers: active display.
TRANSLATION	TRANSP3	S5	Open	Translate quadrilaterals using directed numbers: active movement.
TRANSLATION	TRANSP4	S5	Open	Translate triangles using directed numbers: active movement.
TRANSLATION	TRANSP5	S5	SD	14 questions. Translation with directed numbers. Active movement.
TRANSLATION	TRANSLATE	S6+	OPEN	Translate diagram using vectors: active display.
TRANSLATION	TRANSLATE2	S6+	OPEN	Translate quadrilaterals using vectors: active display.
TRANSLATION	TRANSLATE3	S6+	OPEN	Translate triangles using vectors: active display.
TRANSPPOSITION	TRANSS1	N4	OPEN	Transposition: 4 true statements using + and - with 3 numbers.
VARIABLES	ALGT2	A4	SD	Algebra: variables: solutions in form n=2: addition
VARIABLES	ALGT3	A4	SD	Algebra: variables: solutions in form n=2: subtraction.
VARIABLES	PUZSAS1	A4	SD	Solving equations using coloured puzzles.
VARIABLES	PUZSAS2	A4	SD	Solving equations using coloured puzzles.
VARIABLES	ALGT1	A4+	OPEN	Algebra: variables: solutions in form n=2: addition
VARIABLES	ALGT6	A4+	OPEN	Algebra: variables: solutions in form n=2: subtraction.
VARIABLES	ALGT4	A5	SD	Algebra: variables: solutions in form n=2: multiplication.
VARIABLES	ALGT5	A5	SD	Algebra: variables: solutions in form n=2: division.
VARIABLES	PUZSAS3	A5	SD	Solving equations using coloured puzzles.
VARIABLES	PUZSAS4	A5	SD	Solving equations using coloured puzzles.
VARIABLES	PUZSAS5	A5	SD	Solving equations using coloured puzzles.
VARIABLES	ALGT7	A5+	OPEN	Algebra: variables: solutions in form n=2: multiplication.
VARIABLES	ALGT8	A5+	OPEN	Algebra: variables: solutions in form n=2: division.
VARIABLES	PUZSAT	A5+	OPEN	Solving equations using coloured puzzles.
VOLUME	VOLS1	S5	SD	Volume of cuboids.
VOLUME	SPACES1	S5+	OPEN	Calculations involving cuboids.
VOLUME	SPACES2	S5+	OPEN	Calculations involving right triangular prisms.
VOLUME	VOLUME01	S6	OPEN	Interactive diagram: control lengths: total volume given.
VOLUME	VOLUME02	S6	OPEN	Interactive diagram: control lengths: input volume.
VOLUME	VOLUME03	S6	OPEN	Interactive diagram: rescaling for larger numbers: input volume.
VOLUME	VOLUME04	S6	OPEN	Rescaling diagram for larger numbers: input volume in two units.

SD Some data supplied

Allows for a few dual entries under different topics Open Free variables