

FIFTY50 MATHEMATICS - FILES LIST

Worksheets

W001-Addition of whole numbers
W002-Addition chains
W003-Subtraction of whole numbers
W004-Mixed tables
W005-Multiplication of whole numbers
W006-Division of whole numbers
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W008-Order of operations
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W011-Divisibility by 5, 7, 10, 11
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W013-Factors
W014-Multiples
W015-Comparing integers
W016-Adding and subtracting integers
W017-Multiplying and dividing integers
W018-Number patterns
W019-Picturing fractions
W020-Equivalent fractions
W021-Improper fractions and mixed numbers
W022-Addition of fractions
W023-Subtraction of fractions
W024-Fraction of a whole number
W025-Multiplication of fractions
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W028-Percentages of an amount
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W032-Decimals division
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W035-Measuring angles
W036-Drawing angles with a protractor
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W038-Angle sum in a triangle
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W040-Angle sum in a quadrilateral
W041-Angles at a point
W042-Angles on parallel lines
W043-Transformations
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W045-Perimeter
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W047-Volume of prisms
W048-Capacity
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W052-Algebra - Multiplying pronumerals
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W055-Equations - checking solutions 1
W056-Equations - checking solutions 2
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W059-Equations - Set 3
W060-Input output tables
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W063-Mean median and mode
W064-Plotting points Quadrant 1
W065-Probability

W066-Whole number operations
W067-Factors and multiples
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W069-Roots
W070-Directed numbers
W071-Fractions revision
W072-Decimals - recurring and rounding
W073-Decimals revision
W074-Percentages
W075-GST mark-up and discount
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W077-Ratio and rates Unitary method
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W083-Circumference
W084-Area of polygons
W085-Area of a circle
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W090-Algebra revision
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W093-Inequalities
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W095-Indices 2
W096-Indices 3
W097-Interpreting graphs
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W099-Plotting linear graphs 2
W100-Plotting linear graphs 3
W101-Sketch graphs using intercepts
W102-Tally and frequency
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W105-Simplifying surds
W106-Operations with surds
W107-Zero negative and fractional indices
W108-Cones and spheres TSA and volume
W109-CAS triangle solving
W110-Circle properties
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W112-Rearranging formulae
W113-Linear graphs
W114-Simultaneous equations
W115-Completing the square
W116-Quadratic graphs
W117-Expanding DOS and perfect squares
W118-Expanding quadratics 1
W119-Expanding quadratics 2
W120-Factorising quadratics 1
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W122-Quadratic equations by factorising
W123-Simple and compound interest
W124-Discriminant and quadratic formula
W125-Plotting quadratic graphs 1
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W128-Converting units of area
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Activities

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A002-Magic square construction
A003-Sieve of Eratosthenes
A004-Tangle tables 1
A005-Tangle tables 2
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A008-Tangle tables 5
A009-Tangle tables 6
A010-Squares and square roots
A011-Happy numbers
A012- Line up - Integer ranges
A013-Constructing 30 and 60 degree angles with a ruler
A014-Bisecting with a straight edge
A015-Constructing graphs Part 1
A016-Constructing graphs Part 2
A017-Plotting points in 4 quadrants
A018-Drawing Stem plots
A019-Analysing stem plots
A020-Pascals triangle
A021-7-11-13 division trick
A022-Mystic rose
A023-Four fours
A024-Golbachs conjecture
A025-Five attached stamps
A026-Picks theorem
A027-Puzzling sums
A028-The 1089 number trick
A029-Fibonacci numbers
A030-Extreme place value
A031-Adding a million numbers
A032-Binary numbers
A033-Magic cards
A034-The four colour problem
A035-Perfect numbers
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A037-Mid points of a quadrilateral
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A039-Billiard ball bounces 2
A040-Dot grid triangles
A041-Dot grid perimeter puzzle
A042-Dot grid area puzzle
A043-Multiplication of integers grid
A044-Decimals - fractions reference table
A045-Directed numbers alt method
A046-Zig zag paths
A047-Euler's law 2D
A048-Euler's law 3D
A049-Maximum tray volume
A050-Compass constructions
A051-Bricklayer problem
A052-Line designs
A053-Angles on a 4 x 4 dot grid
A054-Cardoid and nephroid
A055-Battleships game
A056-Sprouts game
A057-3D solids
A058-Polyhdera specifications
A059-Polyhdera construction
A060-Star polygons
A061-Triangular numbers
A062-Euler paths and circuits
A063-Tangram puzzle
A064-Magic egg puzzles
A065-Pentominoes
A066-Measuring length
A067-Map coordinates
A068-Best buys
A069-Alphabet symmetry
A070-Lines of symmetry
A071-Polygon symmetry
A072-Tesselation codes
A073-8 x 8 magic square
A074-Four attached stamps
A075-Game of 50
A076-Apothem
A077-Estimating pi - using poly circumference
A078-Game of Hex
A079-Hexaminoes and symmetry
A080-Koch snowflake
A081-Prime formula
A082-Primes and odd numbers
A083-Sum of 4 squares
A084-Sum of cubes
A085-Spiral of Archimedes
A086-Regions in a circle
A087-Triangles within a triangle
A088-Geometric designs
A089-Pentahexes
A090-Napiers rods
A091-Russian multiplication
A092-Making pi
A093-Polar spiral
A094-Conic 1 - Parabola
A095-Conic 2 - Ellipse
A096-Conic 3 - Hyperbola
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A098-Cosine graph plotting
A099-Tangent graph plotting
A100-Mobius strip
A101-Magic squares puzzles
A102-Pythagoras proofs
A103-Rectangle diagonals
A104-Exponential graph plotting
A105-ABC symbol
A106-Super ellipse
A107-Gradient graph
A108-Kaleidoscope designs
A109-Plotting x to the power of n
A110-Infinity symbol
A111-Heptagon shading
A112-Limacon polar equation
A113-Polytans
A114-Polyiamonds
A115-Polygon designs
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A120-Absolute value graphs
A121-Integration 4
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A124-Interesting inequalities
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A128-Origami tray using A4 paper
A129-Whirlybird
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A131-Buffons needles
A132-Rotating ring of tetrahedra
A133-Stella octangula
A134-Trihexaflexagon
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A140-Origami cube from a square
A141-Mega maze
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A146-Penrose tilings - Rhombii
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A158-Game of Join the line
A159-Game of 5 in a row
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A202-Dilation transformations
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Posters

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P002-Area
P003-Circle properties -WHITE BG
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P006-Function transformations 2
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P008-Impossible figures WHITE BG
P009-Koch
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P012-Maths-Pro
P013-Maths-Rules
P014-OHSAHCOAT
P015-Optical illusions
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P017-Polygon
P018-Polyhedra DIAGRAMATIC
P019-Polyhedra WHITE BG DIAGRAMATIC
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P059-Units conversion
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P065-Correlation scatter graphs

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