# Cymraeg / Welsh

## Algebra

|  |  |
| --- | --- |
| **English** | **Cymraeg** |
| ﻿Algebra | Algebra (translated) |
| Algebraic | Algebraidd |
| Field | Maes |
| Group | Grŵp |
| Ring | Cylch |
| Subgroup | Is-grŵp |
| Transcendental | Trosgynnol |

## Calculus / Analysis

|  |  |
| --- | --- |
| **English** | **Cymraeg** |
| Analysis | Dadansoddiad |
| Calculus | Calcwlws |
| Chain Rule | Rheol Cadwyn |
| Compact | Cryno |
| Continuous | Di-dor |
| Converge | Cydgyfeirio |
| Convergent | Cydgyfeiriol |
| Curl | Cwrl |
| Derivative | Differiad |
| Differentiable | Differadwy |
| Differential | Differol |
| Differentiate | Differu |
| Discontinuity | Bwlch |
| Diverge | Dargyfeirio |
| Divergence | Dargyfeiriad |
| Divergent | Dargyfeiriol |
| Gradient | Graddiant |
| Integrable | Integradwy |
| Integral | Integryn |
| Integrate | Integru |
| Normal (vector) | Normal |
| Plane | Plân |
| Sequence | Dilyniant |
| Series | Cyfres |
| Surface | Arwyneb |
| Tangent | Tangiad |
| Uniform (convergence) | Unffurf |

## General

|  |  |
| --- | --- |
| **English** | **Cymraeg** |
| Absolute Value | Gwerth Absoliwt |
| Add | Adio |
| Amplitude | Osgled |
| Approximation | Brasamcan |
| Arbitrary | Mwmpwyol |
| Area | Arwynebedd |
| Arithmetic | Rhifyddeg |
| Associative | Cysylltiadol |
| Assumption | Tybiaeth |
| Average | Cyfartaledd |
| Axiom | Gwireb |
| Bijective | Deusaethol |
| Binomial (coefficient) | Binomial |
| Bound | Arffin |
| Closed (set) | Caeedig |
| Coefficient | Cyfernod |
| Column | Colofn |
| Commutative | Cymudol |
| Complement | Cyflenwad |
| Complex Number | Rhif Cymhlyg |
| Composite Number | Rhif Cyfansawdd |
| Composition | Cyfansoddiad |
| Condition | Amod |
| Conditional | Amodol |
| Constant (noun) | Cysonyn |
| Contradiction | Gwrthddywediad |
| Corollary | Canlyneb |
| Curve | Cromlin |
| Damped | Gwanychol |
| Decimal | Degol |
| Decreasing | Gostyngol |
| Definition | Diffiniad |
| Degree (polynomial) | Gradd (polynomial) |
| Denominator | Enwadur |
| Density | Dwysedd |
| Dependent | Dibynnol |
| Dimension | Dimensiwn |
| Discrete | Arwahanol |
| Distributive | Dosbarthol |
| Divide | Rhannu |
| Domain | Parth |
| Equal | Hafal |
| Equation | Hafaliad |
| Equivalence Relation | Perthynas Cywerthedd |
| Equivalent | Cywerth |
| Error | Cyfeiliornad |
| Even Number | Eilrif |
| Exponent | Esbonydd |
| Exponential | Esbonyddol |
| Extrapolation | Allosodiad |
| Factor | Ffactor |
| Factorial | Ffactorial |
| Finite | Meidraidd |
| Formula | Fformiwla |
| Fraction | Ffracsiwn |
| Frequency | Amledd |
| Function | Ffwythiant |
| Global | Eang |
| Graph (function) | Graff (ffwythiant) |
| Graph (network) | Graff (rhwydwaith) |
| Harmonic | Harmonig |
| Homogeneous | Homogenaidd |
| Identity | Unfathiant |
| Image | Delwedd |
| Imaginary Number | Rhif Dychmygol |
| Imply | Ymhlygu |
| Increasing | Cynyddol |
| Independent | Annibynnol |
| Induction | Anwythiad |
| Inequality | Anhafaledd |
| Infinite | Anfeidraidd |
| Injective | Mewnsaethol |
| Inner Product | Lluoswm Mewnol |
| Integer | Cyfanrif |
| Interpolation | Rhyngosodiad |
| Intersection (sets) | Croestoriad |
| Interval | Cyfwng |
| Inverse | Gwrthdro |
| Invertible | Gwrthdroadwy |
| Iterate | Iteru |
| Lemma | Lemma (translated) |
| Length | Hyd |
| Limit | Terfan |
| Linear | Llinol |
| Local | Lleol |
| Logarithm | Logarithm (translated) |
| Logic | Rhesymeg |
| Matrix | Matrics |
| Mean | Cymedr |
| Measure | Mesur |
| Median | Canolrif |
| Mode | Modd |
| Modulus | Modwlws |
| Monotonic | Monotonig |
| Multiply | Lluosi |
| Mutually Exclusive | Cydanghynhwysol |
| Natural Number | Rhif Naturiol |
| Necessary | Angenrheidiol |
| Negative | Negatif |
| nth Root | nfed Isradd |
| Numerator | Rhifiadur |
| Numerical | Rhifiadol |
| Odd Number | Odrif |
| One-to-one | Un-i-un |
| Onto | Ar |
| Open (set) | Agored |
| Operation | Gweithrediad |
| Operator | Gweithredydd |
| Order | Trefn |
| Oscillation | Osgiliad |
| Parameter | Paramedr |
| Parametric | Parametrig |
| Partial | Rhannol |
| Partition (noun) | Rhaniad |
| Period | Cyfnod |
| Plane | Plân |
| Pointwise | Modd Pwynt |
| Polar | Pegynlinol |
| Pole | Pegwn |
| Polynomial | Polynomial (translated) |
| Positive | Positif |
| Power | Pŵer |
| Prime Number | Rhif Cysefin |
| Product | Lluoswm |
| Projectile | Taflegryn |
| Proof | Prawf |
| Property | Priodwedd |
| Proposition | Gosodiad |
| Quotient | Cyniferydd |
| Random | Ar hap |
| Range | Amrediad |
| Rational Number | Rhif Cymarebol |
| Real Number | Rhif Real |
| Reciprocal | Cilydd |
| Recursive | Dychweliadol |
| Reflexive | Ymatblyg |
| Remainder | Gweddill |
| Root | Gwrieddyn |
| Row | Rhes |
| Scalar | Sgalar |
| Set | Set (translated) |
| Sign (+/-) | Arwydd |
| Simultaneous | Cydamserol |
| Solution | Datrysiad |
| Space | Gofod |
| Spherical | Sfferig |
| Square Number | Rhif Sgwâr |
| Square Root | Ail Isradd |
| Subset | Is-set |
| Subspace | Is-ofod |
| Substitution | Amnewidiad |
| Subtract | Tynnu |
| Sufficient | Digonol |
| Sum | Swm |
| Surjective | Allsaethol |
| Symmetric | Cymesur |
| Theorem | Theorem (translated) |
| Transformation | Trawsffurfiad |
| Transitive | Trosaidd |
| Union | Uniad |
| Value | Gwerth |
| Vector | Fector |
| Velocity | Cyflymder |
| Volume (3D area) | Cyfaint |

## Geometry

|  |  |
| --- | --- |
| **English** | **Cymraeg** |
| Acute Angle | Ongl Lem |
| Adjacent | Cyfagos |
| Arc | Arc (translated) |
| Area | Arwynebedd |
| Axis | Echelin |
| Circumference | Cylchedd |
| Co-ordinate | Cyfesuryn |
| Degree (angle) | Gradd |
| Diameter | Diamedr |
| Ellipse | Hirgylch |
| Equilateral | Hafalochrog |
| Geometry | Geometreg |
| Hyperbola | Hyperbola (translated) |
| Hypotenuse | Hypotenws |
| Intersect | Croestorri |
| Intersection (curves) | Croestoriad |
| Isosceles | Isosgeles |
| Length | Hyd |
| Measure | Mesur |
| Metric | Metrig |
| Obtuse Angle | Ongl Aflem |
| Orthogonal | Orthogonol (translated) |
| Parabola | Parabola (translated) |
| Parallel | Paralel |
| Parallelogram | Paralelogram |
| Perimeter | Perimedr |
| Perpendicular | Perpendicwlar |
| Plane | Plân |
| Quadrilateral | Pedrochr |
| Radius | Radiws |
| Rectangle | Petryal |
| Reflection | Adlewyrchiad |
| Reflex Angle | Ongl Atblyg |
| Right Angle | Ongl Sgwâr |
| Rotate | Cylchdroi |
| Rotation | Cylchro |
| Secant | Secant (translated) |
| Similar | Cyflun |
| Surface | Arwyneb |
| Tangent | Tangiad |
| Transformation | Trawsffurfiad |
| Translate | Trawsfudo |
| Translation | Trawsfudiad |
| Trigonometry | Trigonometreg |

## Prob / Stats

|  |  |
| --- | --- |
| **English** | **Cymraeg** |
| Binomial (distribution) | Binomial |
| Conditional | Amodol |
| Correlation | Cydberthyniad |
| Covariance | Cydamrywiad |
| Distribution | Dosraniad |
| Expectation | Disgwyliad |
| Mean | Cymedr |
| Normal (distribution) | Normal |
| Permutation | Trynewidiad |
| Probability | Tebygolrwydd |
| Random | Ar hap |
| Random Variable | Hapnewidyn |
| Sample | Sampl |
| Statistics | Ystadegaeth |
| Uniform (distribution) | Unffurf |
| Variable | Newidyn |
| Variance | Amrywiant |