



Algebra Fields and Math Terminology



(An Arc Edge Journey Prequel.)

Algebra Fields

1. Abstract Algebra

2. Linear Algebra

3. Boolean Algebra

4. Commutative Algebra

5. Homological Algebra

6. Universal Algebra

7. Computational Algebra

8. Matrix Algebra

9. Associative Algebra

10. Non-associative Algebra

11. Ring Theory

12. Field Theory

13. Module Theory

14. Group Theory

15. Algebraic Geometry

16. Algebraic Number Theory

17. Algebraic Topology

18. Representation Theory

19. Lie Algebra

20. Tensor Algebra

- acute angle

Algebra and Math Terminology

- addition

- algorithm or algorism

- angle

- arc

- area

- average

- axis

- base

- binary

- binomial

- cardinal number

- Cartesian coordinates

- chord

- circle

- circumference

- closed set

- coefficient

- common denominator

- common factor

- complex number

- concentric

- cone

- constant

- coordinate or co-ordinate

- cosecant

- cosine

- cotangent

- cube

- cube root

- cuboid

- curve

- cusp

- cylinder

- decagon

- decimal

- denary

- denominator

- diagonal

- diameter

- digit

- division

- dodecahedron

- ellipse

- equals

- equation

- equilateral

- even

- exponential

- factor

- factorial

- formula

- fraction

- frequency

- function

- graph

- helix

- hemisphere

- heptagon

- hexagon

- hyperbola

- hypotenuse

- icosahedron

- imaginary number

- improper fraction

- index

- infinity

- integer

- integral

- intersection

- irrational number

- isosceles

- locus

- logarithm or log

- lowest common denominator

- lowest common multiple

- Mandelbrot set

- matrix

- mean

- median

- minus

- mode

- multiplication

- natural logarithm

- natural number

- node

- nonagon

- number

- numerator

- oblong

- obtuse angle

- octagon

- octahedron

- odd

- open set

- operation

- operator

- ordinal number

- origin

- parabola

- parallel

- parallelogram

- pentagon

- percentage

- perfect number

- pi

- plus

- polygon

- polyhedron

- polynomial

- power

- prime number

- prism

- probability

- product

- proof

- proper fraction

- Pythagoras' theorem

- quadrant

- quadratic equation

- quadrilateral

- quotient

- radian

- radius

- ratio

- rational number

- real number

- reciprocal

- rectangle

- recurring decimal

- reflex angle

- remainder

- rhombus

- right angle

- right-angled triangle

- root

- scalar

- scalene

- secant

- sector

- semicircle

- set

- significant figures

- simultaneous equations

- sine

- slide rule

- solid

- sphere

- square

- square root

- strange attractor

- subset

- subtraction

- sum

- surd

- tangent

- tetrahedron

- torus

- trapezium

- triangle

- union

- universal set

- value

- variable

- vector

- Venn diagram

- volume

- vulgar fraction

- x-axis

- y-axis

- z-axis

- zero