

Math Resources

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Math (General)

[Careers as a Mathematician](#)

Career information from the Occupational Outlook Handbook

[Mathematics on the Web](#)

Sponsored by the American Mathematical Society

[MathForum at Drexel University](#)

A leading center for mathematics and mathematics education on the Internet

[MathWorld](#)

Online encyclopedia of mathematics at Wolfram Research

[MathsDoctor](#)

More than 250 interactive online video tutorials designed to learning maths easier

[PlanetMath.org](#)

A free web site, incorporating an encyclopedia, books, papers, and more.

Algebra (512)

[Algebasics](#)

Video tutorials explain the basics of algebra, equations, ratio and proportion, absolute value, polynomials, factoring, linear equations, radicals, applications, and much more. Sample algebra problems are worked out before your eyes. **Requires Flash.**

[Algebra-Class.com](#)

Offers help with solving equations, graphing equations, writing equations, inequalities, functions, exponents and monomials, polynomials, and the quadratic equation.

[Algebra.help](#)

Lessons on equations, simplifying, factoring, distribution, and trinomials as well as equation calculators and worksheets. Also has an extensive list of math resources and study tips.

[Khan Academy](#)

Khan Academy video tutorials on Algebra

[Math Expression](#)

Has videos, worksheets, and lessons to help you develop your algebra skills. Math topics include algebra, exponents, symmetry, fractions, measurements, angles, and more. The site also includes a list of useful resources.

[Math Power](#)

Basic Algebra help for the community college student, includes ways to reduce anxiety and identify learning styles.

[PurpleMath](#)

"Purplemath's algebra lessons are written with the student in mind. These lessons emphasize the practicalities rather than the technicalities, demonstrating dependable techniques, warning of likely "trick" questions, and pointing out common mistakes."

[Understanding Algebra](#)

"The complete contents of this algebra textbook are available here online. This text is suitable for high-school Algebra I, preparing for the GED, a refresher for college students who need help preparing for college-level mathematics, or for anyone who wants to learn introductory algebra. I am especially pleased to help homeschoolers." - James W. Brennan

Calculus (515s)

[Calculus-Help.com](#)

"Flash Tutorials for the Calculus Phobe"

[Calculus Help](#)

Presents explanations for topics ranging from the chain rule to integration by parts.

[Graphics for the Calculus Classroom](#)

[Karl's Calculus Tutor](#)

A nonprofit website dedicated to helping first year calculus students

[Khan Academy - Calculus](#)

Khan Academy video tutorials on Calculus

[MathTV](#)

Video tutorials

[The Calculus Page](#)

Offers problems with step-by-step solutions, as well as information on derivatives, exponents, and logarithms and a glossary of terms.

[Visual Calculus](#)

This site contains explanations, tutorials, and animations covering the following topics: limits and continuity, derivatives, applications of differentiation, integration, applications of integration, and sequences and series

Geometry (516)

[AAA Math: Geometry](#)

This site includes basic geometry facts and calculations, as well as instructions for calculating the area, perimeter, circumference, surface area, and volume of various shapes.

[Fractal Geometry](#)

Introduction to fractals for students without advanced math skills. Covers Mandelbrot and Julia sets; basic concepts, rules, and functions; and fractals in literature, music, history, economics, architecture, and nature

[Khan Academy - Geometry](#)

Khan Academy video tutorials on Geometry

[Learning Math: Geometry](#)

Video tutorials cover topics such as triangles, polygons, geometry basics, dissections and proofs, and the Pythagorean Theorem.

Statistics (519)

[Free Math Help – Statistics](#)

Free math help with a large selection of statistics lessons, tutoring, books, calculators and more

[Free Statistics Help](#)

Free statistics help, tutorials, lessons and free online solvers

[Math Captain](#)

Get step-by-step explanations of statistics concepts with lessons developed by experts. They take you through simple and advanced concepts to make it easy for you to understand the subject