PreCalculus Resources

Graphs

www.khanacademy.org/math/trigonometry/graphs

This website includes slope, y intercept, and graphs.

Functions and Their Graphs

www.khanacademy.org/math/trigonometry/functions_and_graphs

This website includes function notation, sum,difference, product, quotient, composite functions, shifting/reflecting graphs, odd/even functions, graphs of piecewise functions, and domain and range.

Polynomial and Rational Functions

http://www.khanacademy.org/math/trigonometry/polynomial_and_rational

This website includes factoring and solving quadratics, solving by quadratic formulas, completing the square, dividing polynomials, synthetic division, factoring roots of higher degree polynomials, end behavior, and simplifying rational expressions.

Exponential and Logarithmic Functions

https://www.khanacademy.org/math/trigonometry/exponential_and_logarithmic_func

This website includes exponential growth and decay, logarithmic functions(graphing), and continuous compounding and e.

Basic Trigonometry

http://www.khanacademy.org/math/trigonometry/basic-trigonometry

This website includes all six trigonometric functions, radians, unit circle, graphs of trig functions, inverse trig functions, and trig application problems.

Trig Identities

www.khanacademy.org/math/trigonometry/less-basic-trigonometry

This website includes Pythaogorean Identity, Trigonometric Identities, Law of Cosines and Law of Sines.

Polar Coordinates

www.khanacademy.org/math/trigonometric/parametric_equations

This website includes polar coordinates.

Conics

www.khanacademy.org/math/trigonometric/conics_precalc

This website includes conic sections such as circles, parabolas, ellipses and hyperbolas.

Systems of Equations and Inequalities

www.khanacademy.org/math/trigonmetric/systems_eq_ineq

This website includes methods such as graphing systems, elimination, and substitution.