

AASETUP

Sets the standard values needed for normal operation of the calculator. Options for rectangular graphing, polar graphing, statistics, & trig graphs in degrees & radians.

ANALYSIS

- Conversions.....Degrees  $\Leftrightarrow$  radians; polar  $\Leftrightarrow$  rectangular.
- Law of Cosines.....Finds sides and angles of triangles.
- Distance.....Finds distances in two and three dimensions.
- Simplex.....Simplifies matrices using the Simplex method.
- Synthetic Division.....Divides polynomials.
- Add Polar Vectors.....Adds polar vectors, leaves answers in polar form.

GEOMETRY

- Pts  $\rightarrow$  Triangle.....Turns coordinates into useful triangle info.
- <s of Polygons.....Displays interior & exterior angle measures.
- 30.45.60 Triangles.....Finds sides of 30-60-90 and 45-45-90 triangles.

GRADE

Calculates grades and possibilities for improvement.

NUMBERS

- Pascal Triangle.....Displays any row of Pascal's triangle.
- Prime Factors.....Displays the prime factors of a number.
- Reduce Radicals.....Simplifies a radical.
- Sequence.....Arithmetic, geometric, infinite sums & terms.
- Time.....Displays  $\frac{1}{4}$ ,  $\frac{1}{2}$ , &  $\frac{3}{4}$  of an allotted time.

PROBSTAT

- Roll Two Dice.....Displays the table for finding probabilities.
- Binomial Experiment.....Finds the probability of a binomial experiment.
- Normal Curve.....Finds z-scores & area under a standard normal curve.
- $\sigma x$  Intervals.....Displays intervals (mean  $\pm$  standard deviation).
- L1 Into Two.....Turns one list of data into two (data & frequency).

QUADRATI

Quadratic formula. Displays real & imaginary answers.

TWOPTS

Displays the slope, distance, midpoint, graph and equations of the line passing through two points.