

## Solving Eqns / Inequalities (in one variable)

- polynomial / rational inequalities
- rational eqns
- polynomial eqns
- logarithmic eqns
- exponential eqns
- trigonometric eqns

(includes using inverse trig fns) and knowing common angle trig fns

## Functions

- graphing (w/ transformations)

- exponential fns
- logarithmic fns
- polynomial fns
- rational fns
- trigonometric fns.

- parabolas / hyperbolas / ellipses

- arithmetic of fns
- composite fns
- inverse fns

## Other Skills

- Law of Cosines
- Law of Sines
- Proving trig. identities
- complex numbers
- sequences
- sum of arithmetic / geometric series

- solving system of eqns
- matrix algebra
- binomial expansion / Pascal's  $\Delta$