Algebra

Simplification

3x^2+x

=x(3x+1)

Simultaneous equations

Y=3x+1

Y=-5x+10

x.

y^2+y=4x^3-4

series

∑abi

=a∑bi

etc.

inequalities

y >= 4x-2

y < 5x-2

functions

sin, cos, tan, log,

polynomials

x^4 + 2x^3 - x^2 + 7x-4