

YouTube Videos for TI-84+

Intermediate Algebra
MAT 1033

Chapter 2 – Equations and Inequalities

[Algebra – linear equations in one variable – TI-84 – example](#)

- Verifying a solution

[Algebra – linear inequalities in one variable – TI-84 – example](#)

- Finding a solution/interval

Chapter 3 – Introduction to Graphing and Lines

[Algebra – functions and graphs – TI-84 – example 1](#)

- “Y=” Screen
- Zoom, window, and trace
- Table and tblset

[Algebra – functions and graphs – TI-84 – example 2](#)

- What to do when a line does not appear on the graph
- Evaluating a function using “VARS”
- Finding x given a y value

[Algebra – graphing linear inequalities – TI-84 – example](#)

- Graphing linear inequalities

Chapter 6 – Rational Expressions and Equations

[Algebra – rational expressions – TI-84-examples](#)

- Verifying simplification

[Algebra – rational equations – TI-84 – example](#)

- Checking solutions

Chapter 7 – Radical Expressions and Equations

[Algebra- rational exponents – TI-84- examples](#)

- Converting radicals to rational exponents

[Algebra – complex numbers – TI-84 – examples](#)

- Subtract, multiply, and divide complex numbers
- Simplifying with imaginaries

Chapter 8 – Quadratic Equations

[Algebra –parabolas – TI-84 – example](#)

- Find vertex (max/min)
- Find zeros (x-intercepts)
- Find y-intercept
- Find y when given x
- Find x when given y

Chapter 4 – System of Equations

[Algebra – system of equations – TI-84 –example](#)

- Find the solution (intersection)

Other Resources

- [TI-83 and TI-84 quick reference at Valencia East](#)