

ECSU SUMMARY DISCUSSION CHECKLIST

Chapter 9: Quadratic and Other Polynomial Equations and Inequalities

Experiencing Introductory and Intermediate Algebra Through Functions and Graphs,
by Thomasson and Pesut 3rd edition, Prentice Hall

Students Should Be Able To:

- Identify Polynomial Equations In One Variable
- Solve Polynomial Equations By Using The Zero Factor Property
- Solve Polynomial Equations By Factoring
- Simplify Square Root Expressions By Using The Product Rule For Square Roots
- Simplify Square Root Expressions By Using The Quotient Rule For Square Roots
- Identify Quadratic Equations In One Variable
- Solve Quadratic Equations By Using The Quadratic Formula
- Define The Discriminant
- Solve Formulas For A Variable
- Determine The x Intercept Of A Quadratic Function