

ECSU SUMMARY DISCUSSION CHECKLIST

Chapter 8: Factoring

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

Students Should Be Able To:

- Determine The Greatest Common Factors For Sets Of Monomial Identify
- Factor Out Greatest Common Monomial Factors From Polynomials
- Factor Out Greatest Common Polynomial Factors From Polynomials
- Factor Polynomials By Grouping
- Factor A Trinomial With Leading Coefficient $a = 1$
- Factor A Trinomial With Leading Coefficient $a \neq 1$
- Factor A Trinomial by Using the ac method
(For 101: Optional and For 101W: OMIT)
- Factor perfect square trinomials
- Factor A Difference Of Two Squares
- Factor A Sum Of Two Cubes
- Factor A Difference Of Two Cubes
- Factor Any Given Polynomial Completely