

VI. Descarte's Rule of Signs

and the

Bound on Roots Theorems not covered...

OMIT p.220 / Exercises #39-56

VII. One Final Example (p.220): Exercise#60?

HW: p.220 / Exercises #57,59,61

I. Group Factoring ~ used with 4 (or more) terms

$$\begin{aligned} 1. \quad ax + ay + bx + by &= a(x + y) + b(x + y) \\ &= (a + b)(x + y) \end{aligned}$$

2. Examples (p.232): Exercises #4,2

II. Equations w/square roots (pp.224-225):

$$1. \quad \sqrt{x} = k \Rightarrow x = k^2 \quad (\text{i.e., square both sides})$$

2. Examples (p.232): Exercises #14,20

HW: p.232 / Exercises #1-15(odd),19