I. Polynomial Inequality: $P(x) \square 0$ $\uparrow <, >, \le, \text{ or } \ge$

II. Procedure for Solving:

- 1. Factor P(x)...
- 2. Solve P(x) = 0 for any real solutions, to obtain the "critical values" (*i.e.*, values where P(x) is subject to a change in its \pm sign)...
- 3. Plot the critical values on a real number line...
- 4. Test/determine the (\pm) sign of P(x) for each interval.

III. Examples (p.649): Exercises #6,10,22,32,40,58

HW: p.649 / Exercises #1-15(odd),29,31 Read pp.662-671 (section 9.1)