

I. Quadratic Equation:  $ax^2 + bx + c = 0$

II. **Quadratic Formula** (p.605):

completing the square on the general form of the quadratic equation, yields two solutions given by...

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

III. Examples (pp.610-611): Problems#14-48(even),  
50?

HW: pp.610-612 / Problems #3-43(every other odd),  
47,49,53-61(odd)

Read pp.613-615 (section 9.4)