## **Pattern - Completing the Square**

$$(x + 10)^2 = x^2 + 20x + 100$$

$$(x + 5)^2 = x^2 + 10 + 25$$

$$(x-12)^2 = x^2-24x+144$$

$$(x-6)^2 = x^2 - 12x + 36$$