**FMPC 10**

**Factoring Trinomials** $ax^{2}+bx+c, where a=1$

* Factoring by inspection

**Example 1: Factor** $x^{2}+7x+6$

**Example 2: Factor** $x^{2}+11x+24$

**Example 3: Factor** $x^{2}+x-12$

**Example 4: Factor** $x^{2}+3x-10$

**Example 5: Factor** $x^{2}-8x+12$

**Example 6: Factor** $x^{2}-9x-36$