**Warm-Up**

Fully factor the following:

a) $3x^{2}y-12x$ b) $x^{2}+3x-18$ c) $4x^{2}-16$

d) $2x^{2}+4x-6$ e) $9x^{2}-y^{2}+4y-4$ f) $x^{2}-4x+7$

**Factoring Review: Part 2**

Complex Trinomial Factoring/ Decomposition

* Used when factoring a quadratic trinomial of the form

 $ax^{2}+bx+c $where the first coefficient $a\ne 1$ and ‘a’ cannot be easily common factored out.

Fully Factor the following expressions using decomposition:

a) $6x^{2}-x-2$ b) $3x^{2}+7x-20$ c) $10x^{2}-7x+1$

Using the Aussie Method – A Goofy Method (Do not try this at home).

a) $6x^{2}-x-2$