

**Check Your Understanding**  
**Factoring – Trinomials w/Non-1 Leading Coefficient**

Answer these problems, then check your answers using the key on the next page.

#1) Factor this expression completely:  $4x^2 + 4x - 8$

#2) Factor this expression completely:  $4x^2 - 8x - 5$

#3) Factor this expression completely:  $15x^2 + 7xy - 2y^2$

**Answers:**

#1)  $4(x-1)(x+2)$

#2)  $(2x-5)(2x+1)$

#3)  $(5x-y)(3x+2y)$