

Name \_\_\_\_\_

Date \_\_\_\_\_

**Homework #5 Simplify & Show All Work!**

Period \_\_\_\_\_

1)  $(x + 4)(x + 3)$

2)  $(x - 8)(x + 5)$

3)  $(4x - 1)(x - 2)$

4)  $(2x + 1)^2$

5)  $(x - 5)(2x^2 + 6)$

6)  $(ab - a)(c + b)$

7)  $(x + 4)(x - 10)$

8)  $(x - 7)(3x - 8)$

9)  $(x + 2)(x^2 + 3x - 1)$

10)  $(3x^2 - 4x - 5)(x^2 + 1)$

11)  $(-3x^2 + 2x - 6)(2x^4 + 2x - 1)$

12)  $(x^2 + 2x + 1)(2x + 5)$

13)  $(6x^3 - 7x^2 - 4x + 2)(4x^2 - 3x - 9)$