**Day 3 – Multiplying Polynomials Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Practice Assignment Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Block: \_\_\_\_\_\_\_**

**Review: Subtract the polynomials**

a. (x2 + 4x – 5) - (4x2 – 7x + 2)b. (-5x2 + 2x + 4) – (-8x2 - 3x + 4)

**Multiply the following polynomials.**

1. (x + 4)(x – 6) 2. (x + 9)(x – 9) 3. (x – 4)2

4. (x + 6)(x – 7) 5. (x + 9)2 6. (x – 2)(x – 9)

7. (x + 3)(4x – 2) 8. (6x – 3)(4x – 1) 9. (2x + 5)2

10. (3x + 1)(2x – 5) 11. (2x + 3)(x – 7) 12. (4x – 1)2

13. (x + 1)(x2 + 5x – 2) 14. (2x – 1)(x2 + 6x + 3)

15. (x + 4)(x – 3)(x + 2) 16. (x + 1)(x – 5)(x – 3)