Name:

Algebra

Section 4.5

**Multiply**

1. -3(y + 3) 2. 4x(2x – 3)

3. -3k(2k2 – 3k – 7) 4. 4t(2t2 – t – 5)

5. 1/2s2t(4t2 – 10st + 6s2) 6. 4y(2y2 – 3y) – 3y2(y – 4)

7. 2x[3x – 2(3 + x)] - x2 8. 0 = 3(1 – 2t) – 5(2 – t)

9. (3x – 5)(2x + 1) 10. (a2 – 3a + 4)(2a + 3)

11. (3x – 2y)(2x + 5y) 12. (a + 4)(a - 1)

13. (2x – 1)(x – 5) 14. (x + 3)(x2 + 2x + 4)

15. (y – 5)(y2 – 3y – 7) 16. (3s + 2)(2s2 – 2s + 1)