

Name: _____ Date: _____

Algebra 2

Multiplying Polynomials

1. Multiply: $(x-2)(x^2+2x+4)$

4. Multiply: $(3x-5)(9x^2+15x+25)$

2. Multiply: $(x+3)(x^2-3x+9)$

5. Multiply: $(3x-5)(3x+5)$

3. Multiply: $(2x+1)(4x^2-2x+1)$

6. Multiply: $(4x+7)(4x-7)$

7. Multiply: $(3x-5)^2$

8. Multiply: $(6x+1)^2$

9. Multiply: $(x^2 - 2)(x^2 + 2)$

10. Multiply: $(x^2 + 3)(x^2 - 4)$

11. Multiply: $(2x^2 + 1)(3x^2 - 2)$

12. Multiply: $(3x^2 - 5)(3x^2 + 5)$

13. Multiply: $(3x - 5)(3x + 5)$

14. Multiply: $(x^2 + 7)(x - 3)$

15. Multiply: $(x^2 + 5)(x - 2)$

16. Multiply: $(x^2 + 5)(x - 2)$

17. Multiply: $(x^2 + 5)(x - 2)$

18. Multiply: $(x^2 + 5)(x - 2)$