

Extra Credit WS #2

Find the product

1. $(4x + 5)(4x - 5) =$ _____

2. $(m + 6)(m - 3) =$ _____

3. $(z - 8)(z - 8) =$ _____

4. $(3y - 2)(y - 1) =$ _____

5. $(c + 4)(2c - 3) =$ _____

6. $(2x - 5)(3x + 5) =$ _____

7. $5(y + 3)(y - 3) =$ _____

8. $4(m + 2)(m - 5) =$ _____

9. $7(a + 2)(3a - 1) =$ _____

10. $(3x - \frac{1}{3})(3x + \frac{1}{3}) =$ _____

11. $\frac{1}{3}x(y^2 - 12y + 12) =$ _____

12. $(m + \frac{2}{3})(m + \frac{2}{3}) =$ _____

13. $c(m + 7)(m - 4) =$ _____

14. $4(3a - 1)(3a + 1) =$ _____

15. $2(2 - 3d)(2 + 3d) =$ _____

16. $(5 - 2x)(4 + 3x) =$ _____

17. $(m - 3x)(m + 5x) =$ _____

18. $(c - 2d)(4c + 3d) =$ _____

19. $3(2 - x)(4 + 3x) =$ _____

20. $y(3 - 4b)(2 + 3b) =$ _____

21. $x(3a - 4)(a + 3) =$ _____

22. $(3a - 4)^2 =$ _____

23. $(5x + 3)^2 =$ _____

24. $(4x - 3)^2 =$ _____

25. $(a^2 - 5)(a^2 + 5) =$ _____

26. $(m^2 + 3y)(m^2 + 2y) =$ _____

27. $(3c - 2a^2)(c + a^2) =$ _____

28. $(x^2 - y^2)(x^2 + y^2) =$ _____

29. $(y^2 + 7)(y^2 - 9) =$ _____

30. $(4 + m^2)(2 - 3m^2) =$ _____

31. $(x^2 - 3y)^2 =$ _____

32. $(2a - 3)^2 =$ _____

33. $(5c + d)^2 =$ _____

34. $(2x + 1)(x + 3) =$ _____

35. $(2y + 3)(y + 1) =$ _____

36. $(3z + 1)(2z + 3) =$ _____

37. $(3a - 1)(2a - 1) =$ _____

38. $(3a - 4)(a - 1) =$ _____

39. $(4a - 3)(3a - 2) =$ _____

40. $(2x + 3)(x - 2) =$ _____

41. $(3y + 2)(2y - 1) =$ _____

42. $(4z + 3)(2z - 1) =$ _____

43. $(5a - 3)(3a + 1) =$ _____

44. $(6m - 5)(m + 2) =$ _____

45. $(5x - 4)(3x + 2) =$ _____

46. $(4 + x)(5 + 2x) =$ _____

47. $(5 + y)(3 + y) =$ _____

48. $(1 + 3y)(2 + 3y) =$ _____

49. $(5 - 2m)(3 + 2m) =$ _____

50. $(6 + 5x)(3 - 2x) =$ _____

51. $(4 + 5x)(3 - 4x) =$ _____

52. $(x + 3y)(x + 3y) =$ _____

53. $(4c - 3d)(4c - 3d) =$ _____

54. $(5m + 3n)(5m - 3n) =$ _____

55. $(6 - 5p)(2 + p) =$ _____

56. $(2x^2 + 3)(x^2 - 3) =$ _____

57. $(3 - 2y^2)(2 - y^2) =$ _____

58. $(3x^2 + 7)(2x^2 - 5) =$ _____

59. $(8z^2 - 3)(6z^2 + 1) =$ _____

60. $(2 - 7c^2)(1 + 6c^2) =$ _____

61. $(1 - 4c^2)(2 - 3c^2) =$ _____

62. $(2x - 5y)(2x + 5y) =$ _____

63. $(x - 7z)(x - 7z) =$ _____

64. $(3x - 5)(3x - 5) =$ _____

65. $(9x - 2)(9x + 2) =$ _____

66. $(4a - 5b)(a + 2b) =$ _____