

Multiplying Binomials

name _____

1. $(x + 7)(x - 3) =$

2. $(2x - 13)(x - 2) =$

3. $(x + 8)(x - 5) =$

4. $(3x - 1)(4x + 3) =$

5. $(x + 3)(x - 3) =$

6. $(x - 2)(x + 2) =$

7. $(x + a)(x - a) =$

8. $(x + 4)(x + 4) =$

9. $(x + 7)(x + 7) =$

10. $(x + a)(x + a) =$

11. $(x - 5)(x - 5) =$

12. $(x - a)(x - a) =$

Now use the formulas that you derived in #7, #10 and #12 to multiply the following binomials:

13. $(x - 6)^2 =$

17. $(x + 8)(x - 8) =$

14. $(x + 3)^2 =$

18. $(x + 11)^2 =$

15. $(x - 1)(x + 1) =$

19. $(x - 8)^2 =$

16. $(x - 9)^2 =$

20. $(x + 6)(x - 6) =$