

Name _____ Date _____ Pd _____

7.3 Special Products of Polynomials DAY ONE WS

Find the product. Choose any method you prefer, but show ALL work to earn full credit.

1. $(a + 3)^2$

2. $(b - 2)^2$

3. $(c + 4)^2$

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

5. $(3x - 2)^2$

6. $(-4p - 3)^2$

7. $(3x + 2y)^2$

8. $(2a - 3b)^2$

9. $(-4c + 5d)^2$

$$10. (x - 3)(x + 3)$$

$$11. (q + 5)(q - 5)$$

$$12. (t - 11)(t + 11)$$

$$13. (5a - 1)(5a + 1)$$

$$14. \left(\frac{1}{4}b + 1\right)\left(\frac{1}{4}b - 1\right)$$

$$15. \left(\frac{1}{2}c + \frac{1}{3}\right)\left(\frac{1}{2}c - \frac{1}{3}\right)$$

$$16. (-m + 2n)(-m - 2n)$$

$$17. (-3j - 2k)(-3j + 2k)$$

$$18. \left(6a + \frac{1}{2}b\right)\left(-6a + \frac{1}{2}b\right)$$