

NAME: \_\_\_\_\_

HW 6.5 SPECIAL BINOMIAL PRODUCTS

DATE: \_\_\_\_\_

ALGEBRA

***Multiply.***

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

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

3.  $(b + 4)^2$

4.  $(2n - 5)^2$

5.  $(2m + 5)(2m - 5)$

6.  $(4x - y)^2$

7.  $(0.3y + 6)(0.3y - 6)$

8.  $(a - 3)^2$

9.  $(x + 4)(x + 3)$

10.  $(n + 8)(n - 8)$

11.  $(2b + 3)(2b - 3)$

12.  $(3y + 2)^2$

13.  $(2a - 5)(3a + 5)$

14.  $(ab - 2)^2$

15.  $(2y + 1)(2y + 1)$

16.  $(2n - 0.5)(2n + 0.5)$

17.  $(x - y)(x - y)$

18.  $(3m - 1)(3m + 2)$

19.  $3(2m - 1)(2m + 1) - 5m^2$

20.  $(a + 1)^2 - (a - 1)^2$

21.  $(5c - 3)(5c + 3)(25c^2 + 9)$

22.  $5y^2 - [(3y + 1)^2 - (6y^2 + 3y)]$

23.  $(x - 8)(x + 8) - (2x - 1)(x + 1)$

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

25.  $(x - a)^2 + (a - x)^2$

26.  $(a - 3) - (a + 3)$