



# Polynomials

## Squaring Binomials

$$(a + b)^2 = (a + b)(a + b) = a^2 + ab + ab + b^2 = a^2 + 2ab + b^2$$

1.  $(x - 8)^2$

9.  $(6x + 1)^2$

2.  $(a + 5)^2$

10.  $(5b + 2)^2$

3.  $(x - 3)^2$

11.  $(4x - y)^2$

4.  $(3n + 1)^2$

12.  $(6x - 5y)^2$

5.  $(y - 10)^2$

13.  $(3y - 5z)^2$

6.  $(3x + 2)^2$

14.  $(7a + 2b)^2$

7.  $(4x - 3)^2$

15.  $(11x - 2y)^2$

8.  $(2a + 5)^2$

16.  $(5a + 3b)^2$