

# PRODUCTOS NOTABLES

**Cuadrado de una suma:**  $(a + b)^2 = a^2 + 2 \cdot a \cdot b + b^2$

- $(2x + 1)^2 = \underline{\quad} x^2 + \underline{\quad} x + \underline{\quad}$
- $(3x + 2)^2 = \underline{\quad} x^2 + \underline{\quad} x + \underline{\quad}$
- $(x + 3)^2 = \underline{\quad} x^2 + \underline{\quad} x + \underline{\quad}$
- $(2x + 5)^2 = \underline{\quad} x^2 + \underline{\quad} x + \underline{\quad}$
- $(5x + 3y)^2 = \underline{\quad} x^2 + \underline{\quad} xy + \underline{\quad} y^2$

**Cuadrado de una diferencia:**  $(a - b)^2 = a^2 - 2 \cdot a \cdot b + b^2$

- $(3x - 1)^2 = \underline{\quad} x^2 - \underline{\quad} x + \underline{\quad}$
- $(2x - 3)^2 = \underline{\quad} x^2 - \underline{\quad} x + \underline{\quad}$
- $(x - 2)^2 = \underline{\quad} x^2 - \underline{\quad} x + \underline{\quad}$
- $(2x - 5)^2 = \underline{\quad} x^2 - \underline{\quad} x + \underline{\quad}$
- $(3x - 2y)^2 = \underline{\quad} x^2 - \underline{\quad} xy + \underline{\quad} y^2$

**Suma por diferencia:**  $(a + b) \cdot (a - b) = a^2 - b^2$

- $(2x + 1) \cdot (2x - 1) = \underline{\quad} x^2 - \underline{\quad}$
- $(3x + 2) \cdot (3x - 2) = \underline{\quad} x^2 - \underline{\quad}$
- $(2x + 3) \cdot (2x - 3) = \underline{\quad} x^2 - \underline{\quad}$
- $(5x - 2y) \cdot (5x + 2y) = \underline{\quad} x^2 - \underline{\quad} y^2$
- $(2x + 3y) \cdot (2x - 3y) = \underline{\quad} x^2 - \underline{\quad} y^2$