



MULTIPLICACION DE EXPRESIONES ALGEBRAICAS COMBINADAS CON SUMA Y RESTA

**Simplificar:**

1.  $4(x + 3) + 5(x + 2)$

2.  $6(x^2 + 4) - 3(x^2 + 1) + 5(x^2 + 2)$

3.  $a(a - x) + 3a(x + 2a) - a(x - 3a)$

4.  $x^2(y^2 + 1) + y^2(x^2 + 1) - 3x^2y^2$

5.  $4m^3 - 5mn^2 + 3m^2(m^2 + n^2) - 3m(m^2 - n^2)$

6.  $y^2 + x^2y^3 - y^3(x^2 + 1) + y^2(x^2 + 1) - y^2(x^2 - 1)$

7.  $5(x + 2) - (x + 1)(x + 4) - 6x$

8.  $(a + 5)(a - 5) - 3(a + 2)(a - 2) + 5(a + 4)$

9.  $(a + b)(4a - 3b) - (5a - 2b)(3a + b) - (a + b)(3a - 6b)$