

Ejercicios de resta de polinomios:

1. **De** $5x + 3x^2$ **Restar** $10x - 2 =$

$$(5x + 3x^2) - (10x - 2) =$$

$$5x + 3x^2 - 10x + 2 =$$

$$3x^2 - 5x + 2$$

2. **De** $10x + 14x^2$ **Restar** $6x =$

$$(10x + 14x^2) - (6x) =$$

$$10x + 14x^2 - 6x =$$

$$14x^2 + 4x$$

3. **De** $4x^2 - 1$ **Restar** $x^3 - 3x^2 + 6x - 2 =$

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

$$4x^2 - 1 - x^3 + 3x^2 - 6x + 2 =$$

$$-x^3 + 7x^2 - 6x + 1$$

4. **De** $-3x^2 + 5x - 4 + 4x^3$ **Restar** $-5x^2 + 2x + 1 =$

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

$$-3x^2 + 5x - 4 + 4x^3 + 5x^2 - 2x - 1 =$$

$$4x^3 + 2x^2 + 3x - 5$$

5. **De** $4x^2 - 1$ **Restar** $6x^2 + x + 1 =$

$$(4x^2 - 1) - (6x^2 + x + 1) =$$

$$4x^2 - 1 - 6x^2 - x - 1 =$$

$$- 2x^2 - x - 2$$

6. **Restar** $2x^3 + 5x - 3$ **De** $4x - 3x^2 + 2x^3 =$

$$(4x - 3x^2 + 2x^3) - (2x^3 + 5x - 3) =$$

$$4x - 3x^2 + 2x^3 - 2x^3 - 5x + 3 =$$

$$- 3x^2 - x + 3$$

7. **Restar** $5x^2 + 6x + 8$ **De** $x^5 + x^2 - 8 =$

$$(x^5 + x^2 - 8) - (5x^2 + 6x + 8) =$$

$$x^5 + x^2 - 8 - 5x^2 - 6x - 8 =$$

$$x^5 - 4x^2 - 6x - 16$$

8. **Restar** $14x^3 - 9$ **De** $15x^2 - 2x^3 =$

$$(15x^2 - 2x^3) - (14x^3 - 9) =$$

$$15x^2 - 2x^3 - 14x^3 + 9 =$$

$$- 16x^3 + 15x^2 + 9$$

9. **Restar** $14x + 9$ **De** $-5x^5 + 6x^2 + 2x =$

$$(-5x^5 + 6x^2 + 2x) - (14x + 9) =$$

$$-5x^5 + 6x^2 + 2x - 14x - 9 =$$

$$-5x^5 + 6x^2 - 12x - 9$$

10. **Restar** $x^2/2 + 4$ **De** $3/2x^2 + 5 =$

$$(3/2x^2 + 5) - (x^2/2 + 4) =$$

$$3/2x^2 + 5 - x^2/2 - 4 =$$

$$2/2 x^2 + 1$$

$$x^2 + 1$$

11. **De** $14x^3 - 9$ **Restar** $-15x^2 - 2x^3 =$

12. **Restar** $(14x + 9)$ **De** $(5x^5 + 6x^2 + 2x) =$