

Punto 2 PDF

A)

$$2x(3x+5)$$

$$2x \times 3x + 2x \times 5$$

$$6x^2 + 10x$$

B)

$$4xy(2x-5y)$$

$$4xy \times 2x - 4xy \times 5y$$

$$8x^2y - 20xy^2$$

C)

$$-5z(-x+y)$$

$$-5z(-x) - 5zy$$

$$5zx - 5zy$$

D)

$$-3xyz(x^2+4)$$

$$-3xyzx^2 - 3xyz \times 4$$

$$-3x^3yz - 12xyz$$

E)

$$21x^2y^2(xy - xy^3)$$

$$21x^2y^2xy - 21x^2y^2xy^3$$

$$21x^3y^3 - 21x^3y^5$$

F)

$$-21xy \left(-\frac{1}{2}xy - 5xy \right)$$

$$-21xy \left(-\frac{11}{2}xy \right)$$

$$21xy \times \frac{11}{2} xy$$

$$G) \frac{7}{5} y^2 z (-\frac{2}{3} y^2 z + 9)$$

$$-\frac{7}{5} y^2 z \times \frac{2}{3} y^2 z + \frac{7}{5} y^2 z \times 9$$

$$-\frac{14}{15} y^4 z^2 + \frac{63}{5} y^2 z$$

$$H) -\frac{1}{8} z^2 (-8 + 88z^3)$$

$$-\frac{1}{8} z^2 \times (-8) - \frac{1}{8} z^2 \times 88z^3$$

$$\frac{1}{8} z^2 \times 8 - \frac{1}{8} z^2 \times 88z^3$$

$$z^2 - z^2 \times 11z^3$$

$$z^2 - 11z^5$$

Punto 3 PDF

$$A) a^2 - b^2$$

$$B) (2x+5)(x^2+x)$$

$$2x \times x^2 + 2x \times x + 5x^2 + 5x$$

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

$$2x^3 + 7x^2 + 5x$$

$$c) (m^2 + n^2)(m^2 - n^2)$$

$$(m^2)^2 - (n^2)^2$$

$$m^4 - n^4$$

$$d) (3x^3y - z^2)(2xyz^2 - 5x^3y^2)$$

$$3x^3y \times 2xyz^2 - 3x^3y \times 5x^3y^2 - z^2 \times 2xyz^2 - z^2 \times$$

$$(-5x^3y^2)$$

$$6x^3y^2z^2 - 15x^6y^3 - 2xyz^4 + 5x^3y^2z^2$$

Punto 4 PDF

$$A) -2x - (3x(5x+2))$$

$$-(2x + (3x(5x+2)))$$

$$-x(2 + 3(5x+2))$$

$$-x(2 + 15x + 6)$$

$$-x(8 + 15x)$$

$$B) -5y - (7y-1)(6y-4)$$

$$-5y - (42y^2 - 28y - 6y + 4)$$

$$-5y - (42y^2 - 34y + 4)$$

$$-5y - 42y^2 + 34y - 4$$

$$29y - 42y^2 - 4$$

$$-42y^2 + 29y - 4$$

$$c) ((m+n)(m+n) - (m^2 + 2mn + n^2))$$

$$(m+n)^2 - m^2 - 2mn - n^2$$

$$m^2 + 2mn + n^2 - m^2 - 2mn - n^2$$

o + o + o

0

$$d) m^2 - (3((m-n)(m+n))) - n^2$$

$$m^2 - (3((m-n)(m+n))) - n^2$$

$$m^2 - (3(m^2 - n^2)) - n^2$$

$$m^2 - (3m^2 - 3n^2) - n^2$$

$$m^2 - 3m^2 + 3n^2 - n^2$$

$$-2m^2 + 2n^2$$

Punto 2×2 POF

$10x^2$	x^2	$4x^2$	$7x^2$
$5x^2$	$3x^2$	$6x^2$	$8x^2$
$3x^2$	$5x^2$	$8x^2$	$6x^2$
$4x^2$	$13x^2$	$4x^2$	x^2