

$$\bullet \quad \begin{array}{r} \cancel{x} \\ 3x^2 + 5x + 2 \\ \hline \left(\frac{1}{3}x + \frac{1}{3} \right) (3x + 2) \\ \hline 3 \end{array} = (x+3)(3x+2)$$

Matemática 10mo EGB

Tema: Factoreo de trinomios de la forma $ax^2 + bx + c$

Profesor: Ing. Lorena Pazmiño

Colocar bajo cada ejercicio la respuesta correcta

$$5x^2 + 11x + 2 =$$

$$3a^2 + 10ab + 7b^2 =$$

$$4x^2 + 7x + 3 =$$

$$2a^2 - 13a + 15 =$$

$$5 + 7a + 2a^2 =$$

$$7x^2 - 15x + 2 =$$

$$5x^2 + 11xy + 2y^2 =$$

$$2x^2 + 5x - 12 =$$

$$6x^2 + 7x - 5 =$$

$$6a^2 + 23ab - 4b^2 =$$

$$8x^2 - 14x + 3 =$$

$$6a^2 - 5a - 21 =$$

$$2x^2 - 17xy + 15y^2 =$$

$$5x^2 + 3xy - 2y^2 =$$

Respuestas

$$(2x-3)(4x-1)$$

$$(2x-15y)(x-y)$$

$$(3a+7b)(a+b)$$

$$(2a-15)(a+2)$$

$$(a+4b)(6a-b)$$

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

$$(3a-7)(2a-3)$$

$$(x+2y)(5x+y)$$

$$(x+2)(5x+1)$$

$$(2a+5)(a+1)$$

$$(3x+5)(2x-1)$$

$$(x-2)(7x-1)$$

$$(x+1)(4x+3)$$

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

