



Faktorisierung quadratischer Polynome

Name: _____

Datum: _____ Ergebnis: _____

$$x^2 - x - 6$$

$$x^2 - 11x + 18$$

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

$$4x^2 - 16x - 48$$

$$x^2 - 8x - 9$$

$$2x^2 - 6x + 4$$

$$x^2 - 13x + 36$$

$$x^2 - 25$$

$$7x^2 - 7x - 210$$

$$x^2 + 2x - 15$$



Name: _____

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$$x^2 - x - 6$$
$$(x - 3)(x + 2)$$

$$x^2 - 11x + 18$$
$$(x - 9)(x - 2)$$

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

$$4x^2 - 16x - 48$$
$$4(x - 6)(x + 2)$$

$$x^2 - 8x - 9$$
$$(x + 1)(x - 9)$$

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

$$x^2 - 13x + 36$$
$$(x - 9)(x - 4)$$

$$x^2 - 25$$
$$(x + 5)(x - 5)$$

$$7x^2 - 7x - 210$$
$$7(x + 5)(x - 6)$$

$$x^2 + 2x - 15$$
$$(x + 5)(x - 3)$$