



Faktorisierung quadratischer Polynome

Name: _____

Datum: _____ Ergebnis: _____

$$x^2 + 12x + 27$$

$$x^2 - 9x + 20$$

$$7x^2 + 84x + 189$$

$$6x^2 - 49x - 45$$

$$x^2 + 12x + 27$$

$$x^2 - x - 6$$

$$4x^2 - 24x - 108$$

$$5x^2 - 45x + 100$$

$$x^2 - 16x + 63$$

$$x^2 + 10x + 16$$



Name: _____

Datum: _____ Ergebnis: _____

$$x^2 + 12x + 27$$
$$(x + 3)(x + 9)$$

$$x^2 - 9x + 20$$
$$(x - 4)(x - 5)$$

$$7x^2 + 84x + 189$$
$$7(x + 9)(x + 3)$$

$$6x^2 - 49x - 45$$
$$(6x + 5)(x - 9)$$

$$x^2 + 12x + 27$$
$$(x + 9)(x + 3)$$

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

$$4x^2 - 24x - 108$$
$$4(x - 9)(x + 3)$$

$$5x^2 - 45x + 100$$
$$5(x - 4)(x - 5)$$

$$x^2 - 16x + 63$$
$$(x - 9)(x - 7)$$

$$x^2 + 10x + 16$$
$$(x + 2)(x + 8)$$