



Factoring Quadratics

Name: _____

Date: _____ Score: _____

$$3x^2 + 30x + 72$$

$$x^2 - 4x - 45$$

$$4x^2 + 8x - 252$$

$$x^2 - x - 12$$

$$2x^2 - 13x + 6$$

$$8x^2 - 65x - 63$$

$$x^2 - 3x - 40$$

$$2x^2 - 8x - 64$$

$$7x^2 + 35x + 42$$

$$3x^2 - 3x - 168$$



Name: _____

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$$3x^2 + 30x + 72$$

$$3(x + 4)(x + 6)$$

$$x^2 - 4x - 45$$

$$(x + 5)(x - 9)$$

$$4x^2 + 8x - 252$$

$$4(x + 9)(x - 7)$$

$$x^2 - x - 12$$

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

$$2x^2 - 13x + 6$$

$$(2x - 1)(x - 6)$$

$$8x^2 - 65x - 63$$

$$(8x + 7)(x - 9)$$

$$x^2 - 3x - 40$$

$$(x - 8)(x + 5)$$

$$2x^2 - 8x - 64$$

$$2(x - 8)(x + 4)$$

$$7x^2 + 35x + 42$$

$$7(x + 3)(x + 2)$$

$$3x^2 - 3x - 168$$

$$3(x + 7)(x - 8)$$