



## Factoring Quadratics

Name: \_\_\_\_\_

Date: \_\_\_\_\_ Score: \_\_\_\_\_

$$x^2 + 7x - 8$$

$$9x^2 - 53x + 40$$

$$x^2 - 5x + 4$$

$$3x^2 + 15x + 18$$

$$9x^2 - 35x + 24$$

$$7x^2 + 43x - 42$$

$$3x^2 - 10x + 8$$

$$x^2 - 12x + 32$$

$$3x^2 + 6x + 3$$

$$2x^2 + 30x + 108$$



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Name: \_\_\_\_\_

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$$x^2 + 7x - 8$$
$$(x + 8)(x - 1)$$

$$9x^2 - 53x + 40$$
$$(9x - 8)(x - 5)$$

$$x^2 - 5x + 4$$
$$(x - 4)(x - 1)$$

$$3x^2 + 15x + 18$$
$$3(x + 3)(x + 2)$$

$$9x^2 - 35x + 24$$
$$(9x - 8)(x - 3)$$

$$7x^2 + 43x - 42$$
$$(7x - 6)(x + 7)$$

$$3x^2 - 10x + 8$$
$$(3x - 4)(x - 2)$$

$$x^2 - 12x + 32$$
$$(x - 8)(x - 4)$$

$$3x^2 + 6x + 3$$
$$3(x + 1)(x + 1)$$

$$2x^2 + 30x + 108$$
$$2(x + 9)(x + 6)$$