



## Factoring Quadratics

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

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

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

$$2x^2 - 6x - 8$$

$$x^2 - x - 56$$

$$4x^2 - 41x + 45$$

$$x^2 + x - 56$$

$$4x^2 - 28x - 32$$

$$2x^2 - 28x + 90$$

$$x^2 - 17x + 72$$

$$x^2 + 9x + 18$$

$$3x^2 - 15x + 12$$



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$$x^2 + 4x - 45$$
$$(x + 9)(x - 5)$$

$$2x^2 - 6x - 8$$
$$2(x - 4)(x + 1)$$

$$x^2 - x - 56$$
$$(x + 7)(x - 8)$$

$$4x^2 - 41x + 45$$
$$(4x - 5)(x - 9)$$

$$x^2 + x - 56$$
$$(x + 8)(x - 7)$$

$$4x^2 - 28x - 32$$
$$4(x + 1)(x - 8)$$

$$2x^2 - 28x + 90$$
$$2(x - 5)(x - 9)$$

$$x^2 - 17x + 72$$
$$(x - 9)(x - 8)$$

$$x^2 + 9x + 18$$
$$(x + 3)(x + 6)$$

$$3x^2 - 15x + 12$$
$$3(x - 4)(x - 1)$$