



## Factoring Quadratics

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

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

$$4x^2 + 9x + 5$$

$$4x^2 - 40x + 100$$

$$x^2 - 14x + 45$$

$$x^2 + 6x - 7$$

$$4x^2 - 72x + 324$$

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

$$x^2 - 36$$

$$4x^2 + 4x - 288$$

$$9x^2 + 37x + 30$$

$$x^2 + 7x + 6$$



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

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$$4x^2 + 9x + 5$$
$$(4x + 5)(x + 1)$$

$$4x^2 - 40x + 100$$
$$4(x - 5)(x - 5)$$

$$x^2 - 14x + 45$$
$$(x - 9)(x - 5)$$

$$x^2 + 6x - 7$$
$$(x - 1)(x + 7)$$

$$4x^2 - 72x + 324$$
$$4(x - 9)(x - 9)$$

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

$$x^2 - 36$$
$$(x + 6)(x - 6)$$

$$4x^2 + 4x - 288$$
$$4(x - 8)(x + 9)$$

$$9x^2 + 37x + 30$$
$$(9x + 10)(x + 3)$$

$$x^2 + 7x + 6$$
$$(x + 6)(x + 1)$$