



## Factoring Quadratics

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

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

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

$$4x^2 + 40x + 84$$

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

$$2x^2 + x - 1$$

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

$$7x^2 - 98x + 315$$

$$x^2 - 11x + 24$$

$$2x^2 - 6x - 108$$

$$7x^2 + 21x - 70$$

$$4x^2 + 11x + 6$$



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

$$4x^2 + 40x + 84$$
$$4(x + 3)(x + 7)$$

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

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

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

$$7x^2 - 98x + 315$$
$$7(x - 5)(x - 9)$$

$$x^2 - 11x + 24$$
$$(x - 8)(x - 3)$$

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

$$7x^2 + 21x - 70$$
$$7(x + 5)(x - 2)$$

$$4x^2 + 11x + 6$$
$$(4x + 3)(x + 2)$$