



## Factoring Quadratics

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

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

$$4x^2 - 31x + 21$$

$$x^2 - 5x - 14$$

$$x^2 + 3x - 54$$

$$7x^2 + 13x - 24$$

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

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

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

$$9x^2 + 73x - 72$$

$$5x^2 + 49x + 36$$

$$6x^2 + 96x + 384$$



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

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$$4x^2 - 31x + 21$$
$$(4x - 3)(x - 7)$$

$$x^2 - 5x - 14$$
$$(x + 2)(x - 7)$$

$$x^2 + 3x - 54$$
$$(x + 9)(x - 6)$$

$$7x^2 + 13x - 24$$
$$(7x - 8)(x + 3)$$

$$x^2 + 2x - 24$$
$$(x + 6)(x - 4)$$

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

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

$$9x^2 + 73x - 72$$
$$(9x - 8)(x + 9)$$

$$5x^2 + 49x + 36$$
$$(5x + 4)(x + 9)$$

$$6x^2 + 96x + 384$$
$$6(x + 8)(x + 8)$$