



## Factoring Quadratics

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

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

$$x^2 - 12x + 27$$

$$x^2 - 3x - 4$$

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

$$6x^2 + 12x - 378$$

$$6x^2 - 42x + 72$$

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

$$4x^2 + 20x + 24$$

$$7x^2 - 35x - 252$$

$$7x^2 + 56x + 112$$

$$8x^2 - 15x - 27$$



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$$x^2 - 12x + 27$$
$$(x - 9)(x - 3)$$

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

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

$$6x^2 + 12x - 378$$
$$6(x - 7)(x + 9)$$

$$6x^2 - 42x + 72$$
$$6(x - 4)(x - 3)$$

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

$$4x^2 + 20x + 24$$
$$4(x + 2)(x + 3)$$

$$7x^2 - 35x - 252$$
$$7(x + 4)(x - 9)$$

$$7x^2 + 56x + 112$$
$$7(x + 4)(x + 4)$$

$$8x^2 - 15x - 27$$
$$(8x + 9)(x - 3)$$