



Factoring Quadratics

Name: _____

Date: _____ Score: _____

$$4x^2 + 4x - 8$$

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

$$5x^2 - 20x + 15$$

$$x^2 - 3x - 40$$

$$x^2 + 10x + 16$$

$$3x^2 - 108$$

$$3x^2 - 48x + 189$$

$$3x^2 + 23x + 14$$

$$x^2 - 10x + 9$$

$$8x^2 + 57x + 54$$



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Name: _____

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

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

$$5x^2 - 20x + 15$$
$$5(x - 3)(x - 1)$$

$$x^2 - 3x - 40$$
$$(x - 8)(x + 5)$$

$$x^2 + 10x + 16$$
$$(x + 2)(x + 8)$$

$$3x^2 - 108$$
$$3(x + 6)(x - 6)$$

$$3x^2 - 48x + 189$$
$$3(x - 9)(x - 7)$$

$$3x^2 + 23x + 14$$
$$(3x + 2)(x + 7)$$

$$x^2 - 10x + 9$$
$$(x - 9)(x - 1)$$

$$8x^2 + 57x + 54$$
$$(8x + 9)(x + 6)$$