



Factoring Quadratics

Name: _____

Date: _____ Score: _____

$$6x^2 + 5x - 14$$

$$8x^2 + 39x - 54$$

$$8x^2 - 49x - 49$$

$$x^2 + 9x + 14$$

$$7x^2 - 29x + 24$$

$$7x^2 - 35x - 42$$

$$3x^2 + 31x + 36$$

$$5x^2 - 15x - 50$$

$$9x^2 - 64x + 60$$

$$7x^2 - 175$$



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$$6x^2 + 5x - 14$$
$$(6x - 7)(x + 2)$$

$$8x^2 + 39x - 54$$
$$(8x - 9)(x + 6)$$

$$8x^2 - 49x - 49$$
$$(8x + 7)(x - 7)$$

$$x^2 + 9x + 14$$
$$(x + 7)(x + 2)$$

$$7x^2 - 29x + 24$$
$$(7x - 8)(x - 3)$$

$$7x^2 - 35x - 42$$
$$7(x - 6)(x + 1)$$

$$3x^2 + 31x + 36$$
$$(3x + 4)(x + 9)$$

$$5x^2 - 15x - 50$$
$$5(x - 5)(x + 2)$$

$$9x^2 - 64x + 60$$
$$(9x - 10)(x - 6)$$

$$7x^2 - 175$$
$$7(x + 5)(x - 5)$$