

Name _____

Factoring Quadratic Expressions



$2x^2 + 3x + 1$



$10x^2 + 7x + 1$



$3x^2 + 7x + 2$



$5x^2 + 12x + 4$



$3x^2 + 14x + 8$



$12x^2 + 8x + 1$



$4x^2 + 19x + 21$



$3x^2 + 11x + 10$



$7x^2 + 24x + 9$



$4x^2 + 27x + 18$



$7x^2 + 30x + 8$



$8x^2 + 14x + 3$



$12x^2 + 11x + 2$

	$(5x+2)(2x+1)$		$(3x+2)(2x+3)$		$(6x+1)(2x+1)$		$(2x+1)(x+1)$		$(4x+3)(x+6)$
	$(3x+2)(x+4)$		$(5x+3)(2x+3)$		$(3x+4)(2x+3)$		$(5x+2)(3x+2)$		$(4x+1)(2x+3)$
	$(5x+1)(2x+1)$		$(4x+1)(3x+2)$		$(4x+3)(2x+1)$		$(4x+7)(x+3)$		$(7x+2)(x+4)$
	$(3x+5)(x+2)$		$(3x+2)(x+3)$		$(3x+1)(x+2)$		$(3x+4)(3x+2)$		$(7x+2)(x+3)$
	$(5x+3)(x+1)$		$(5x+2)(x+2)$		$(5x+4)(x+2)$		$(7x+3)(x+3)$		$(3x+2)(2x+5)$



$10x^2 + 9x + 2$



$6x^2 + 17x + 12$



$5x^2 + 8x + 3$



$9x^2 + 18x + 8$



$7x^2 + 23x + 6$



$3x^2 + 11x + 6$



$6x^2 + 13x + 6$



$8x^2 + 10x + 3$



$5x^2 + 14x + 8$



$6x^2 + 19x + 10$



$15x^2 + 16x + 4$



$10x^2 + 21x + 9$

Name _____

Factoring Quadratic Expressions



$$2x^2 + 3x + 1$$

$$(2x + 1)(x + 1)$$



$$10x^2 + 7x + 1$$

$$(5x + 1)(2x + 1)$$



$$3x^2 + 7x + 2$$

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



$$5x^2 + 12x + 4$$

$$(5x + 2)(x + 2)$$



$$3x^2 + 14x + 8$$

$$(3x + 2)(x + 4)$$



$$12x^2 + 8x + 1$$

$$(6x + 1)(2x + 1)$$



$$4x^2 + 19x + 21$$

$$(4x + 7)(x + 3)$$



$$3x^2 + 11x + 10$$

$$(3x + 5)(x + 2)$$



$$7x^2 + 24x + 9$$

$$(7x + 3)(x + 3)$$



$$4x^2 + 27x + 18$$

$$(4x + 3)(x + 6)$$



$$7x^2 + 30x + 8$$

$$(7x + 2)(x + 4)$$



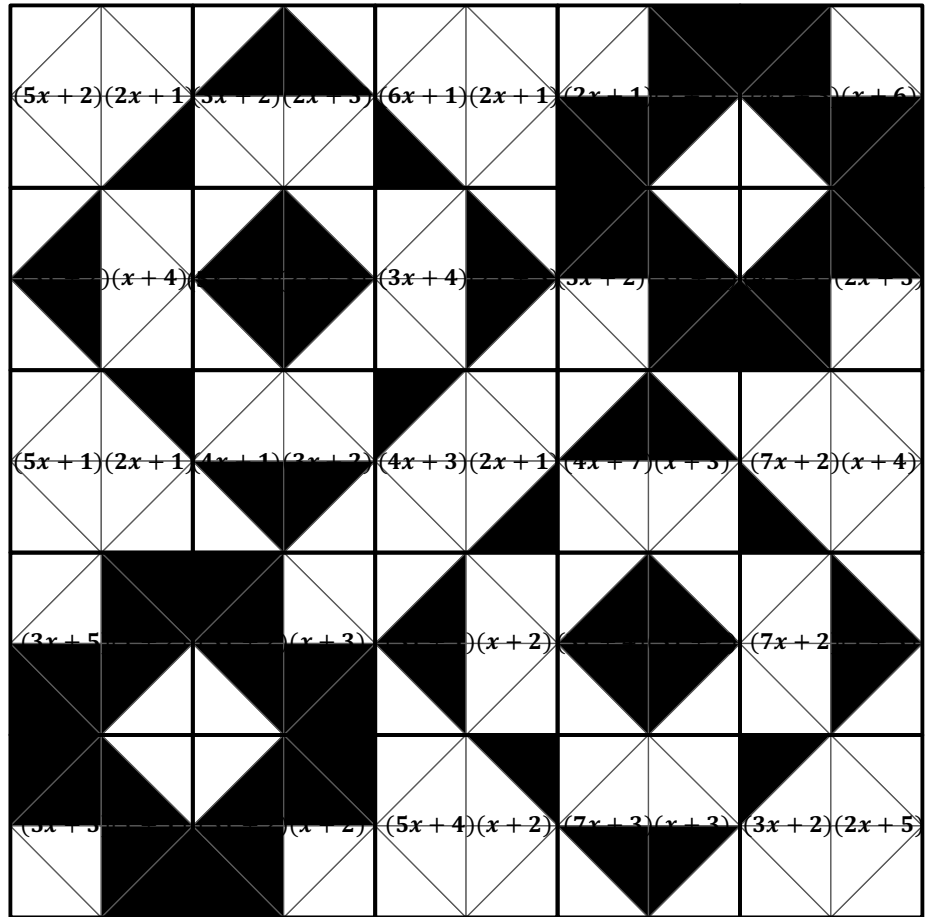
$$8x^2 + 14x + 3$$

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



$$12x^2 + 11x + 2$$

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



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

$$(5x + 2)(2x + 1)$$



$$6x^2 + 17x + 12$$

$$(3x + 4)(2x + 3)$$



$$5x^2 + 8x + 3$$

$$(5x + 3)(x + 1)$$



$$9x^2 + 18x + 8$$

$$(3x + 4)(3x + 2)$$



$$7x^2 + 23x + 6$$

$$(7x + 2)(x + 3)$$



$$3x^2 + 11x + 6$$

$$(3x + 2)(x + 3)$$



$$6x^2 + 13x + 6$$

$$(3x + 2)(2x + 3)$$



$$8x^2 + 10x + 3$$

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



$$5x^2 + 14x + 8$$

$$(5x + 4)(x + 2)$$



$$6x^2 + 19x + 10$$

$$(3x + 2)(2x + 5)$$



$$15x^2 + 16x + 4$$

$$(5x + 2)(3x + 2)$$



$$10x^2 + 21x + 9$$

$$(5x + 3)(2x + 3)$$