Factoring 2—Lesson 4

Cut the squares apart.
Match equivalent expressions.
You should get a new 4 X 4 square.

	x^2+3x+2			$(x-3)(x-4)$			$2x^2+8x-10$			x^2-y^2	
y^2+y+12		$(x+y)(x+y)$	y^2+5y+6		$-2x^2+4x+6$	$-x^2+2x+3$		$(y-5)(y-2)$	y^2-y-12		$(x+1)(x+1)$
	$(x-3)(x+4)$			$(2x-1)(x-3)$			$(2x+1)(x-1)$			$(x-5)(x+1)$	
	$(1-y)(2-y)$			x^2+5x+6			$6x^2+5x-4$			$(x+7)(x-1)$	
$6x^2-5x-4$		$2x^2+5x-3$	$x^2+2xy+y^2$		$(y+3)(y+2)$	$3y^2+13y+12$		$-2x^2-4x+6$	x^2-6x+7		$(2+x)(1-x)$
	$y^2-7y+10$			$(2x-1)(x-1)$			$(3x-4)(2x-1)$			$2(x+1)(x-5)$	
	$2x^2-x-1$			$2x^2-4x+6$			$-x^2-2x-3$			$(x-3)(x-3)$	
$x^2-2xy+y2$		$(x-7)(2x-3)$	$6x^2-5x+4$		$(5x-2)(x+3)$	$-x^2-x+2$		$(4+3y)(3+y)$	$5x^2+13x-6$		$(x+4)(x-4)$
	$(x+2)(x+3)$			$2(3+x)(1-x)$			$2(x+5)(x-1)$			y^2-3y+2	
	$2x^2+4x-6$			$(x-y)(x-y)$			$(3-x)(1+x)$			$(2x-1)(x+3)$	
x^2-4x-5		$(x-5)(x-1)$	x^2-9		$(x+1)(x+2)$	$2x^2-8x-10$		$(x-3)(x+3)$	$2x^2-17x+21$		$(y-4)(y+3)$
	$2(1+x)(3-x)$			x^2+9			x^2+y^2			$x^2-7x+12$	