Multiplying Polynomials

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

	$(x + 2)(x – 2)$			$(4x – 1)^2$			$(6x + 1)(x – 2)$			$(x + 1)(x – 1)$	
$(5x – 4)^2$		$x^2 - 4x - 12$	$(x + 2)(9 – x)$		$x^2 - 16$	$(4 – x)(4 + x)$		$6x^2 + 13x + 6$	$(3x+ 2)(2x+3)$		$x^2 – 14x = 24$
	$x^2 + 6x + 9$			$x^2 – 10x+24$			$25x^2 - 16$			$6x^2 + 41x + 30$	
	$(x + 3)^2$			$(x – 4)(x -6)$			$(5x – 4)(5x+4)$			$(x + 6)(6x + 5)$	
$(x – 2)(x – 9)$		$x^2 + 3x - 18$	$(x – 3)(x + 6)$		$x^2 +6x - 16$	$(x – 2)(x + 8)$		$9x^2 – 12x + 4$	$(3x-2)^2$		$x^2 + 7x -18$
	$4x^2 - 25$			$x^2 - 9$			$16x^2 - 1$			$x^2 – 7x + 12$	
	$(2x–5)(2x +5)$			$(x+3)(x – 3)$			$(4x – 1)(4x+1)$			$(x – 4)(x – 3)$	
$(x + 2)(x + 5)$		$x^2 –6x - 16$	$(x + 2)(x – 8)$		$x^2 – 2x - 15$	$(x + 3)(x – 5)$		$4x^2 + x - 5$	$(4x + 5)(x – 1)$		$6x^2 – x - 2$
	$x^2 + 4x + 3$			$7x^2 – 19x +10$			$9x^2 - 4$			$x^2 – 8x + 16$	
	$(x + 3)(x + 1)$			$(7x – 5)(x-2)$			$(3x – 2)(3x+2))$			$(x – 4)^2$	
$(2x–5)(2x+1)$		$4x^2 +20x + 25$	$(2x +5)^2$		$3x^2 + 2x - 1$	$(3x – 1)(x + 1)$		$x^2 – x - 12$	$(x + 3)(x – 4)$		$x^2 + 16$
	$25x^2 + 20x+4$			$x^2 + 9$			$x^2 + 3x - 10$			$x^2 - 15$	

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