

FACTORING PUZZLE

Cutout all the pieces. Then match the equivalent expressions. Show all work on a separate sheet of paper.

	$(7x-5)(x-2)$	
$(2x+5)^2$		$3x^2+2x-1$

	$(4x-1)(4x+1)$	
$(5-x)(3+x)$		$4x^2+x-5$
	$9x^2-4$	

	$(x+3)^2$	
		$x^2+3x-18$
	$4x^2-25$	

$(3x+2)(2x+3)$		
	$6x^2+41x+30$	

	$(5x-4)(5x+4)$	
$(8+x)(2-x)$		$9x^2+2x+4$
	$16x^2-1$	

	$(3x-2)(3x+2)$	
$(1+x)(1-x)$		x^2-x-12

$(4-x)(4+x)$		$6x^2+13x+6$
	$25x^2-16$	

	$(2x+5)(2x-5)$	
		$(x^2-6x-16)$
	x^2+4x+3	

$(9-x)(2+x)$		x^2-16
	$x^2-10x+24$	

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

	$(x-4)(x-6)$	
$(9+x)(3-x)$		$x^2+6x-16$
	x^2-9	

		$x^2-4x-12$
	x^2+6x+9	

	$(x+6)(6x+5)$	
$(2x+3)^2$		
	$x^2-7x+12$	

	$(x+3)(x-3)$	
$(8-x)(2+x)$		$x^2-2x-15$
	$7x^2-19x+10$	

	$(x-4)(x-3)$	
$(4x+5)(x-1)$		
	$x^2-8x+16$	

	$(x+3)(x+1)$	
		$4x^2+20x+25$