

Name: _____

Date: _____

Algebra Factoring Polynomials Worksheet



1. $25e - 14 = 58 + 24e$

6. $-2t - 27 = -7 - 3t$

2. $24y - 26 = 43 + 23y$

7. $22q + 6 = 56 + 21q$

3. $12k + 5 = 35 + 11k$

8. $15c - 18 = 19 + 14c$

4. $25a - 28 = 21 + 24a$

9. $23a + 21 = 42 + 22a$

$x^2 + 41x + 30$	$x^2 - 14x + 24$	$(f-5)(f+5)$	$x^2 - 4x - 12$	$(9-x)(2+x)$	$x^2 - 16$	$(f-x)(f+x)$	$25x^2 - 16$	$6x^2 + 13x + 6$	$(3x+2)(2x+3)$	$6x$
$(x+6)(6x+5)$		$x^2 + 6x + 9$			$x^2 - 10x + 24$					$(x$
	$x^2 + 7x - 18$	$(6-x)(2-x)$	$x^2 + 3x - 18$	$(9+x)(2-x)$	$x^2 + 6x - 16$	$(4+x)(2-x)$	$(5x-4)(5x+4)$	$9x^2 + 12x + 4$	$(3x+2)^2$	
$x^2 - 7x + 12$		$4x^2 - 25$			$x^2 - 9$		$16x^2 - 1$			
$(x-4)(x-3)$		$(2x+5)(2x-5)$			$(x+3)(x-3)$		$(4x-1)(4x+1)$			