

Name \_\_\_\_\_ Date \_\_\_\_\_ Per \_\_\_\_\_

### Subtracting Linear Expressions

Change all of the subtraction below to addition in each of the linear expressions below and then simplify.  $50 - (10+5) = 50 - 15 = 35$

$(9x+7) - (x+3)$ $9x+7-x-3$ $9x+7+(-1)x+(-3)$ $8x+4$	$(3x-4) - (x-5)$ $(3x+(-4)) - (x+(-5))$ $3x+(-4)+(-1)x+5$ $2x+1$
$(-3x+15) - (-3x+2)$ $-3x+15+3x-2$ $13$	$(-2x+10) - (-8x+1)$ $-2x+10+8x-1$ $6x+11$
$(-2x+4) - (x+11)$ $-2x+4-x-11$ $-3x-7$	$(8x+9) - (6x+1)$ $8x+9-6x-1$ $2x+10$
$(-8x+2) - (-5x+7)$ $-8x+2+5x-7$ $-3x-5$ or $-3x-5$	$(-4x+2) - (13x+1)$ $-4x+2-13x-1$ $-17x+1$
$(-7x+14) - (x+6)$ $-7x+14-x-6$ $-8x+8$ or $-8x+8$	$(12x+3) - (-7x+5)$ $12x+3+7x-5$ $19x-2$ or $19x-2$
$(3x+1) - (-5x+17)$ $3x+1+5x-17$ $8x-16$ or $8x-16$	$(-9x+2) - (-8x+2)$ $-9x+2+8x-2$ $-x$
$(2x+4) - (-x+9)$ $2x+4+x-9$ $3x-5$ or $3x-5$	$(x+3) - (5x+4)$ $x+3-5x-4$ $-4x-1$