

Equation Review

Name: _____

Solve for x . Show all work and check your answer

1 $2x - 4 + 6x = 20$	2 $-x - 6 - 6x = -62$	3 $6x - 9 - 3x = 27$	4 $31 = 4x + 2x + 7$
5 $4x + 5 + 8x = 35 + 2x$	6 $145 - 2x = 4x + 7x + 2$	7 $-2x - 4 - x = 5 - 2x$	8 $x + 9 + 4x = 30 - 2x + 9$
9 $9 - 3x + 6x = 18 + x + 15$	10 $2x - 8 + -3x = 27 + 6x + 10$	11 $4x + 7 + 7x = 117$	12 $37 - 2x = 5x - x - 29$
13 $4x - (-9 - x) = 29$	14 $3x - 7 = 2x - (4 - 2x)$	15 $-(3x - 8) = 2 - (x + 6)$	16 $3x + 5 - 7x = 7 - (4x + 2)$