


Algebra 1.3

Worksheet:

 - Solving Equations



Name _____

1. $2(2x+1) = 146$
 $4x+2 = 146$
 $\quad -2 \quad -2$
 $4x = 144$
 $x = 36$

14. $7 - 5y = -43$

2. $5(n+1) = 60$

15. $-12 = y - 21$

3. $\frac{3n-9}{2} = 15$

16. $-4x + 6 = 34$

4. $3y - 69 = 0$

17. $6(x-1) + 11 = 53$

5. $-30 = -9x - 3$

18. $N + N + 20 = N + 36$

6. $10x + 11 = -19$

19. $y^2 - 44 = 10^2$

*Must Show Steps

7.	$23 + 2y = y + 75$	20.	$y + 116 = 5y$
8.	$-60 = \frac{-2}{3}w$	21.	$-3p = -54$
9.	$-4 + 2t = -1$	22.	$\frac{2n - 3}{4} = -5$
10.	$3(a - 4) = -5$	23.	$\frac{3}{4}x + 6 = 9$
11.	$\frac{2}{3}y - 6 = 8$	24.	$-17 = 9 + a$
12.	$7c - 3(c - 4) = 8$	25.	$-\frac{2}{5}c = 30$
13.	$3x + 5 = 7x + 1$		