SRHS Math 1 - #SFRev1 Name_____

Solve each equation.

1) $-13 = \frac{n}{2} - 9$

2) $\frac{-7 + x}{9} = -2$

3) $3 = \frac{7 + n}{7}$

4) $14 = 10 + \frac{n}{4}$

5) $6(7r - 2) = -264$

6) $5(4 - 6v) + v = -125$

7) $3v + 2 = 5 + 3v$

8) $-5k - 3 = 1 - 6k + k$

9) $-4x + 1 = 1 - 4x$

10) $n - 1 - 3 - 2 = n - 6$

11) Evaluate the function: f(x) = 3x - 45 for x = 57

12) Evaluate the function: f(x) = -12x + 11 for x = 5

13) Find the value of x so that the function has the given value:
f(x) = 3x - 45 ; f(x) = 18

14) Find the value of x so that the function has the given value:
f(x) = -12x + 11 ; f(x) = 71

Solve each equation for the indicated variable.

15) $5x - 12y = 84$, for y

16) $-3x + 7y = 28$, for y

Solve each equation.

17) $|r| = 3$

18) $|p| = 4$

19) $|a + 8| = 7$

20) $|v - 6| = 4$