

Solving Equations Digital Sudoku

INSTRUCTIONS:

- 1) Solve each equation. Show your work on a separate sheet of paper. Type your answer into the answer box.
 - 2) Your answer will automatically be filled into a corresponding box on the Sudoku puzzle.
 - 3) Both the answer box and Sudoku box will turn green if your answer is correct or red if incorrect.
 - 4) When you are finished solving each problem, finish solving the Sudoku puzzle!
- ***Remember: When solving, Each row, column and 3x3 region should contain each digit 1-9 only once.***

	Answer
1) $-3n - 5n = -16$	
2) $8 - 2v - 7 = -15$	
3) $1 + 5k + 7k = 13$	
4) $-130 = 5(4x - 6)$	
5) $-6(-6x - 6) = 180$	
6) $-232 = 8(6 - 7x)$	
7) $-80 = -5(3k - 6) - 5(k - 6)$	
8) $7(n - 6) + 7(3 + n) = 63$	
9) $70 = 5(1 + 2n) - 3(1 - 8n)$	

	Answer
10) $-2a - 5 = -a - 10$	
11) $-4 + 2r = 5r - 16$	
12) $15 - 3n = 8 + n + 3n$	
13) $-6(5 - 6b) = 14 - 8b$	
14) $-7r + 28 = 4(r - 2) + 3$	
15) $3r + 10 = 2(r + 8)$	
16) $2(1 + 2r) = 9(r - 2)$	
17) $-3(8 + 10n) = -6(8n - 2)$	
18) $-5(1 - 2x) = 5(x + 6)$	

	1		2					
		5					2	
2		9	8	4		7	5	
	4		5		2	1		3
6				3				8
1		2	9		8		7	
	2	3		5	9	6		7
	7				4			
					6		8	