Re-Solving Equations

Name _____

In the first column there are problems worked incorrectly. Use the second column to explain what mistake was made and use the third column to work the problem correctly.

	Problem		Explain Mistake	Work Correctly
1.	**5x + 18**	**= -38**		
	5x	**= -20**		
	x	**= -4**		
2.	**-2x + 8**	**= -18**		
	-2x + 8 - 8	**= -18 - 8**		
	-2x	**= 26**		
	x	**= 13**		
3.	**-2(x - 7)**	**= 34**		
	-2x - 14	**= 34**		
	-2x - 14 + 14	**= 34 + 14**		
	-2x	**= 48**		
	x	**= -24**		
4.	**9x - 2x**	**= 77**		
	11x	**= 77**		
	x	**= 7**		

In the first column there are problems worked incorrectly. Use the second column to explain what mistake was made and use the third column to work the problem correctly.

	Problem		Explain Mistake	Work Correctly
5.	**7x + 3**	**= 9x - 11**		
	2x + 3	**= -11**		
	2x	**= -14**		
	x	**= -7**		
6.	**5x - (x - 8)**	**= 16**		
	5x - x - 8	**= 16**		
	4x - 8	**= 16**		
	4x	**= 24**		
	x	**= 6**		
7.	**-x + 10**	**= 15**		
	x	**= 5**		
8.	$-\frac{x}{3}$	**= 18**		
	x	**= -6**		