Algebra I   Class Worksheet #3   Unit 2   _____

Complete the table for each input-output chart shown.

	1.	2.	3.	4.
Input	$8x + 4 = 5x + 22$	$9x + 6 = 6x + 30$	$5x + 10 = x + 42$	$7x + 5 = 5x + 13$
First Operation	subtract 5x from both sides	subtract 6x from both sides	subtract x from both sides	
Output				
Second Operation	subtract 4 from both sides	subtract 6 from both sides		
Output				
Third Operation	divide both sides by 3			
Output				

	5.	6.	7.	8.
Input	$7x - 3 = 5x + 11$	$9x - 6 = 6x + 15$	$5x - 6 = 2x + 18$	$8x - 14 = x + 21$
First Operation	subtract 5x from both sides	subtract 6x from both sides	subtract 2x from both sides	
Output				
Second Operation	add 3 to both sides	add 6 to both sides		
Output				
Third Operation	divide both sides by 2			
Output				