Spot the mistake and solve the equation correctly

Problem and Solution	Error(s) - if any	Correct Solution (show your steps)
a) 7x + 4 = 9x - 4		
2x+4=-4		
2×=~8		
X = ~ 4		
b) 5n + 7 = 7n + 1		
7 = 2n + 1		
6 = 2n		
n ≈ 12		