Correct. Let t = the number of orchestra tickets sold and b = the number of balcony tickets sold. Then

$$t + b = 980$$

$$50t + 35b = 44,350$$

Multiply the first equation by -50: -50t - 50b = -49,000

Add this to 50t + 35b = 44,350:-15b = -4,650

Divide both sides by -15: b = 310