

2.) The San Marin Drama Club is putting on a fundraiser showing of *The Sound of Music.* The orchestra seating costs $100 and the balcony seating costs $50. The Drama wants to raise at least $10,000. Write an inequality that best represents this situation. Let number of balcony seat tickets sold and number of orchestra seat tickets sold. Then graph the inequality. Analyze the solution set. Is it viable?

1.) A Camp Counselor got 40 tickets to give to his hungry campers to buy lunch. A hotdog cost 4 tickets and a hamburger cost 5 tickets. Write an inequality that best represents this situation. Let number of hamburgers and number of hotdogs. Then graph the inequality. Analyze the solution set. Is it viable?