In class Ex

 $X_1 \sim N(100 \text{ gr})$ Cire independent $X_2 \sim N(200, 16)$ Cire independent $X_3 \sim N(50, 4)$ Find.

P(3X+5X2-2X371210)

31,+5x2-2x3~N(1150,385)

 $7 = 3x_1 + 5x_2 - 2x_3 - 1150$

P(Z>1210-1150) -P(Z>2.167

J385

P(3x,+5/2-2x3 71210=0.015