

b. 171±2~/2 => (163.5, 178.5)

C. It should be the same range as b because 171 calls per month is approximately 2050 calls per year.

b. P(X) 189) or P(X < 153) 1-ppois (189.5, 171) + ppois (152.5, 171) 4=0.15691

C. 171#27/77 => (144.8, 197.2)

d. I do not understand what the book was showing in it's estimation. The text was unclear

11. a. 0.9 x 0.8 x 0.05 = 0.036 [Low7 0.7x 0.95x0.7 = 0.49875 [High]

Go low because the probability of getting hit is lower b. (1-0.036) x 0.7 = 0.6748 [Low]

(1-0.49875) x0,7=0.350875 [High]

C. Mission success is not defined

d. Mission success is not defined e. Neither because it is proportional.