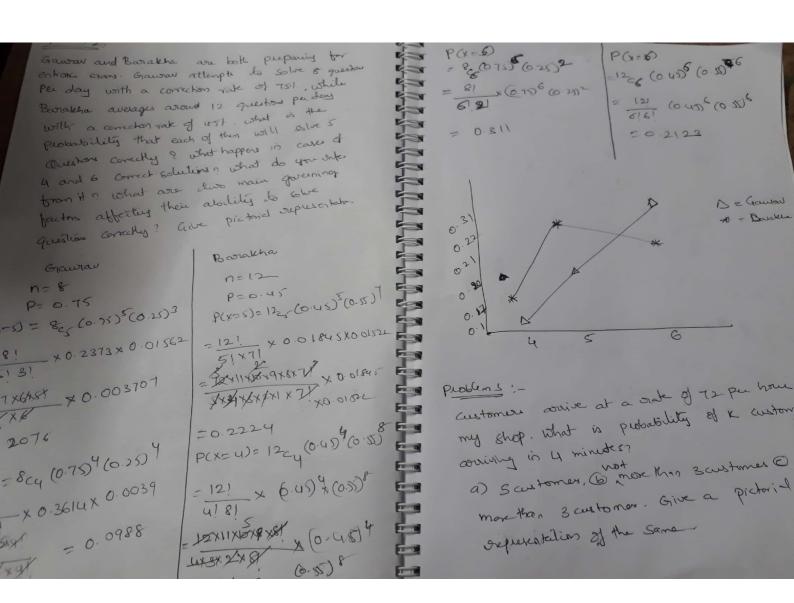
## STATISTICS III - Session 13 1. A company manufactures CED bulbs with a faulty viate of 30%. If I randomly school 6 choses LEPs what is the probability of having 2 faulty LEDs is my Sample? Calculate the average value of this process. The evaluate the standard deviation associated with it. Self probability of faulty rate = 30.1. P=0.30. Given 6 LEPS P(x=2)= 62 (0.30)2 (0.70)4 2 6! x 0.09 x · 0.240 1 2 3×5×41, x0.021609 2 1540.021609 20.324135 Average Value M: nP $=6\times0.3=1.8$ Standard deviation = \mp((-P) 2 \ 6 x0.3x0.7 = 1.1224

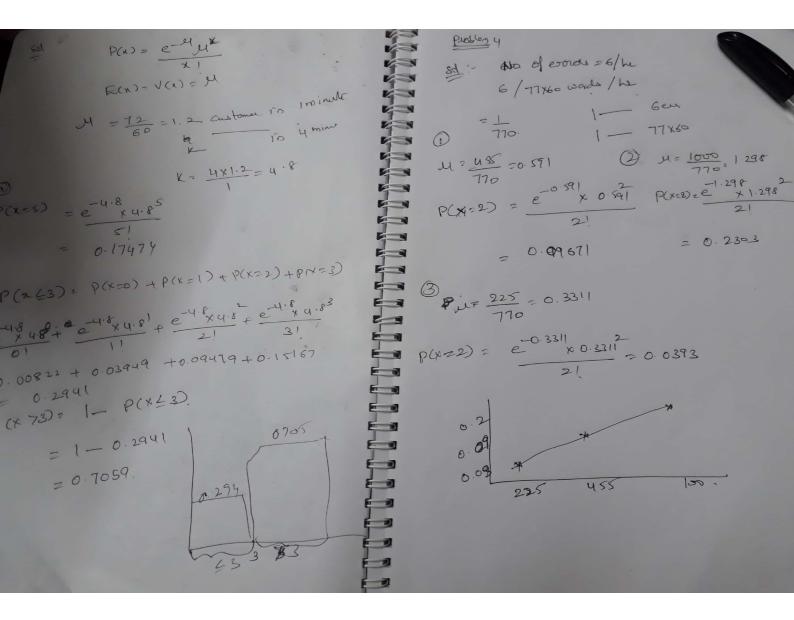
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problem 5 faro.05 -> 04x420 × [0,20]. 5 fa) dr 2 f 0.05