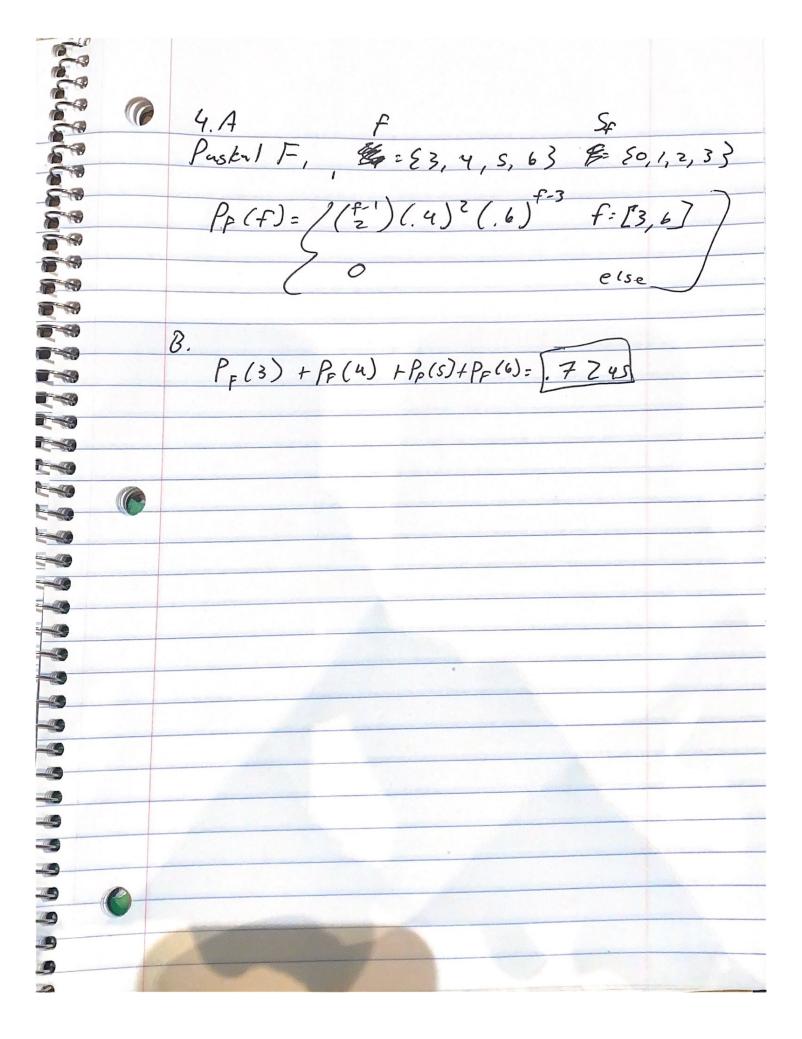
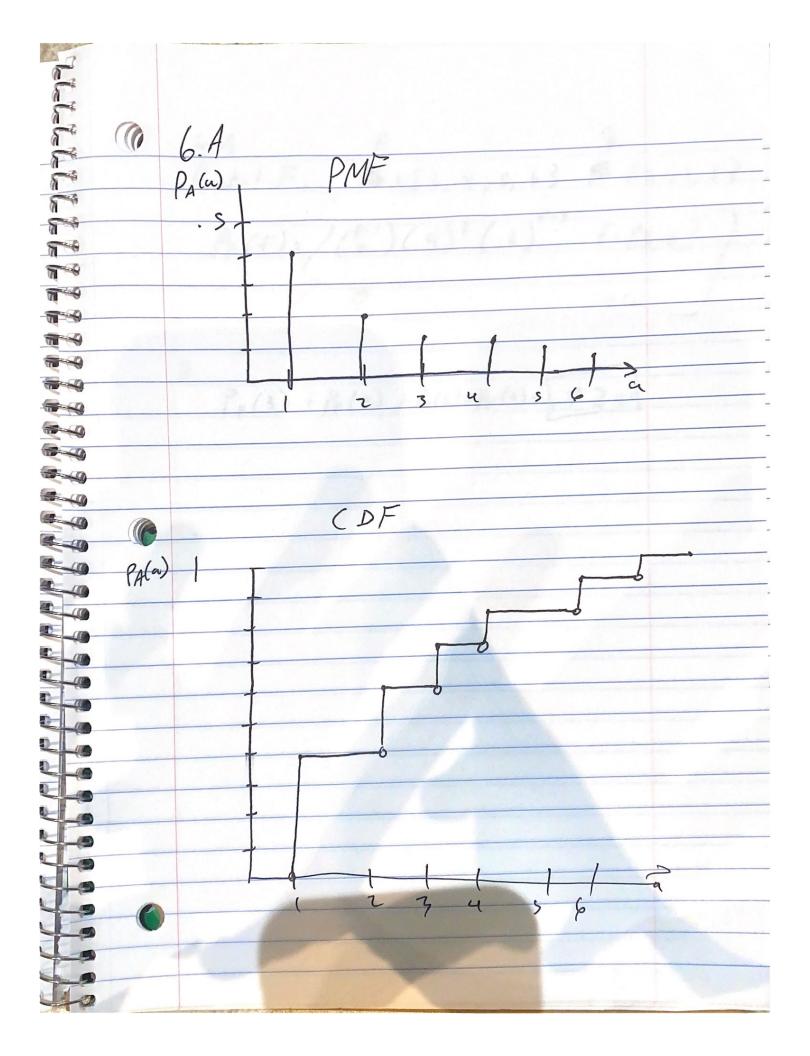
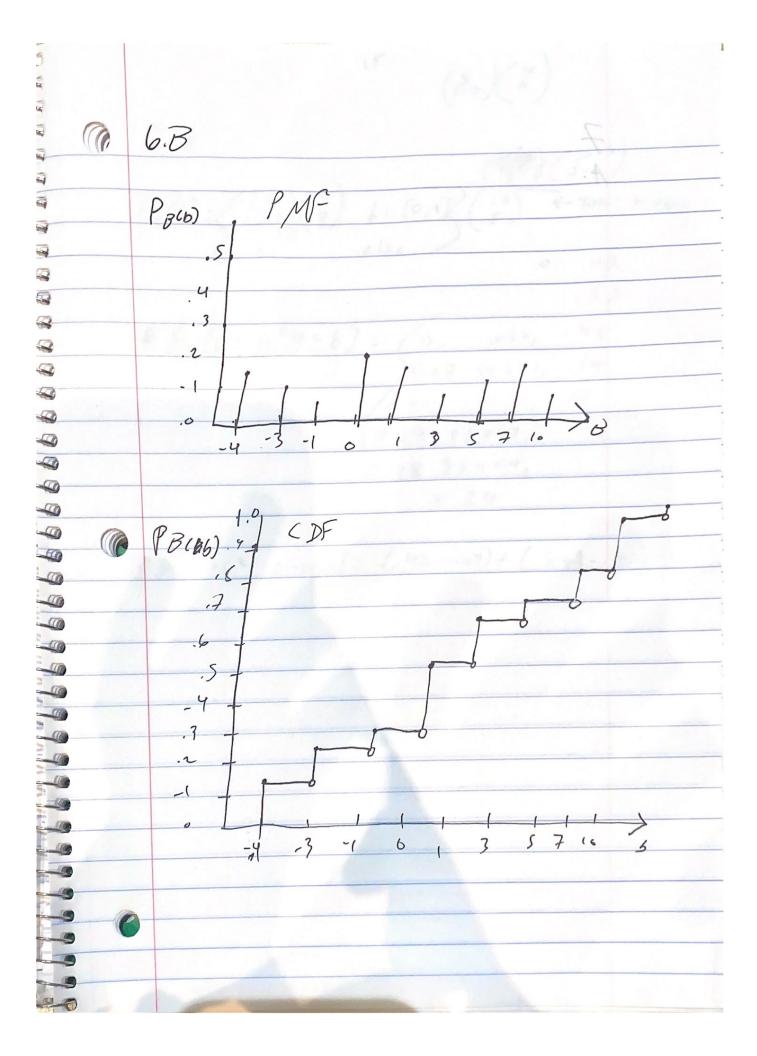


0 D= 80,1,2,3,4} A. PD(d) = (4) (0.07) (1-0.07) 4-6 d= ey1,2,24)
e be PD(0)= 0.748 PD(1) = 0.225 PD (2) = 0.0254 PD (3) = 0.001 6 pD(4)=0.0000Z ~ 0.999 RV Dis u Binomial RV B P[Failure] = \$1-p[success] = 1-0.748: 0.252



るるもの 100 Assume foisson -9 T= 3 minutes 9 >= 100 custumers / Marbo minutes 9 d= 100 3 = 5 1000g 1 TO S -Pc(0)= se= = 0.006 9 0 0 9 5.8 0 100 -2 = 3,33 9 P((0): 3.33 e 3.37 : 0.09 9 100 . 1= 1,667 $P(0) = 1.66 e^{-1.66}$ $\frac{100}{60} \cdot \frac{1}{2} = \frac{106}{120} = 0.83$ p((0)= 0.83° = 0.83 - 6.436 ~ 30 se conds





15 (58) (4) 4 事 7. A 9 PB(b)= (5-6)(b) 6= [0,4] (15) ← Total # Bb-11 P 0: .07 0 ,35 1 1 * FB(b)= P[B=b] = (0 xco, .42 P 0.07 05×c1, .14 9 10 0.42 1=xcz, ·01 0.84 25 x 63, 1 1 0.98 35x64, 1 × 34 1 B. P[1 652 players] = (.42-.007)+(.843-.42)=6.77 100 -5