Assignment 1 Wednesday, September 2, 2020 12:19 PM 30/7 = 4 Weeks + 2 days The north must start on a mondey or ruesolar 47 = .2857 = 28.57% b) 6.6.6 = 1/216 こうさ・を・18 49/50 = 4/5 3a) 10+49/50 b) The outcome of the second trial is independent because the results of the second trial did not rely on the first 4)2) 1(25+50) =1/75 b) (25-1)/(25+5a)= 24/75 c) I don't see any fisher. Obviously no false regalites would be better but if only tree students is affected this is a lot of resources dedicated to something that affect very few students. 5)3675=1/2 673=1/3 15 546 -1/3, 1 case if 15 and 13 4 6, 6 Casts 9-13-16 Lases if 5and B76, -3 Cases
1/2.2/3=2/6=1/3 (ases P(x) | X^2 | $X^2 \cdot P(x)$ | $Z^2 \cdot P(x)$ Stal der = 12-12/312 of there is football and beer involved, we're Abbably air eady drunk meaning our subgenent is intained and everything seems like a good falea. In addition, only good friend winning a bettike this would share the beers. gas No. Believing that global warning is independent of Political affiliation. 6).2+.6~115.62 06/.34 5.176 a) 19/100 = .19 Joint Probability 6)60/100 = .6 c) 31/100=.31 marginal probability

d) 78/69 = .405 Conditional Probability 5051.2

8) X=22 E(x)=1.8 a) 50 = \(\frac{1}{5}.63\) mean = 22.1.8 = 39.6

b) 51=5.63·1000 Mem = 39.6·1000 =563a =3960

9) Mean=72 50=12 -> exam 70% of glade Mean=95 50=4 -> prostect 30% of glade

Mean = (.).72)+(.3.95) = 78.9 50=42+12=12.649

19) Men = 14 50=9 ~=36

Mean = 34 50=6/52 = 9/56 = 9/6 = 1.5