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46 5.7 A be the individual is more than 6 fear tall

B be the individual is a professional player.

P(AIB) > P(BIA) I think Most of player is more than

6 for.

50. a. Pia; = .05

b. P(b) = P(MAPr) = 0.5+0.7.05+.07=.12

C. Pcc, = 1/2 1-36=.44.56

d. Pcc-> = 1- 56 = .44

P(d, > = .08 + .07 + .12 + .1 + .05 + .07 = .49

Ped2) = . 02+.07 +.07+.02+.05+.02=.25.

 $e p_{e} = \frac{.68}{.044.084.03} = .533$

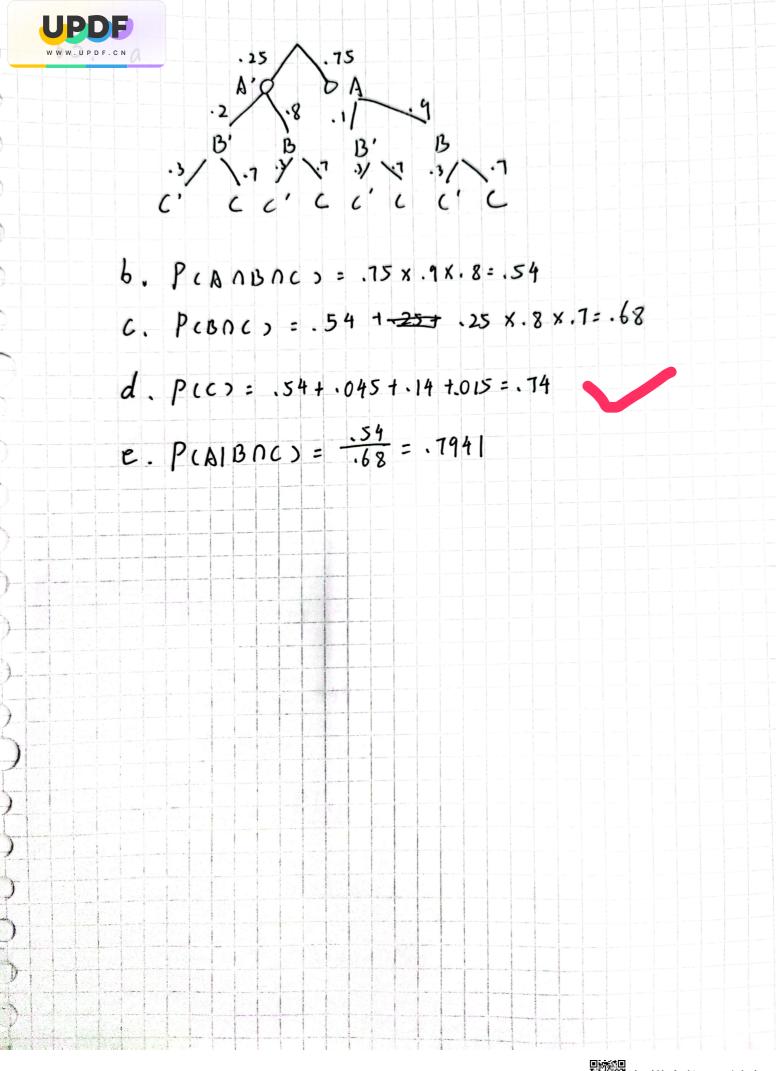
f. Pet, = -08 = .444

P(+1) = 1- P(+,) = .556

58. PLAUBICS = PLIANCOULBACS

PLANCS + PLBNC) - PLANBAC)

= PCAICS + PCBICS - PCABIC)



UPDF Q. P(B') = 1-.7 = .3

b. S.t C be the proevent that non of them of succ

C.
$$P = \frac{.3 \times .4}{.82} = .146$$

72. P.A. NA.) = 11 => A. and A. are not independent P(A. A.) = .055

P(A, NA 3) = .05
P(A,) · P(A,) = .0616 => A. and As are not independent

P(A2). P(B2) = .07 => A2 and A3 are independence.

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CAN

be 2,3,4,5

X=2 : 12000

X= 3 12300

x=4 . 12340

5. No. It a people wecker is sit or sound is an experienment, thus we have infinite sample space, but Y has only two possible values.

8. Y=3: 855

Y=4: F555

Y= 5 : 6FSSS , FFSSS

Y= 6: SOFBSS, SFEBSS, FSFSSS. FFFSSS

Y=7: 85FFSSS, S\$3F8SS, F\$ FSSFSSS, FFSFSSS

Foffsss, Sfffsss. FFFFSSS.

10. a. Possible vales. 0.1,2.3,4.5.6.7.8.9.10

b. -4, -3, -2, -1, 0, 1, 2, 3, 4, 5, 6

c. 0.1,2,3,4,5,6

d. 0.1,2

1- u. P(a)= .05+.10+.12+.14+.25+.17=.83

- b. Pibs = 1- Pias = .17
- C. PCC, 5 = .05 + .10 + .12 + .14 + .25 + .11 = .83 PCC, 5 = .05 + .1 + .12 = .27.
- 23. a. Pcx=2) = .39-.19=.20
 - b. P(x>3) = .33
 - C. P(25×55)= .92-.19=.78
 - d. P(2(x < 5) = .92-.39=.53
- 25. Pw; = P

UPDE

- P(1) = (1-P)P
- Pc2) = 11- P5 P
- 80. Pig, = (1-P) P.