

5 11 11 to F2 L3		
2.4 41.50.58.63		
2.5 71. 72.80.84		
3.1 4.5,8,10		
3.2 12,23.25		
46. P(AIB) = P(ANB) P(B)		51. $P(AUBIC) = \frac{P(AUBIC)}{P(C)} = \frac{P(ADC)UCBD(C)}{P(C)} = \frac{P(ADC) + RBD(C)}{P(C)} - \frac{P(ADBD(C)}{P(C)}$
$P(B A) = \frac{P(AV)B}{P(A)}$		- Praist (Corn Corn)
		= P(A(C) + RB(C) - AB(C)
Based on common sense, Pt. ertal		63. 0.
Therefore, PCAIB) > PCBIA)		A P 012 63 016
50. a. Let the probability be PLAN		B 1 2 3 c
PCA) = aas		b. PCANBAC) = 0.11x0 1x08 = 0.54
b. Let the probability be		C. P(BNC) = P(ANBNC)+P(ANBNC) = OSY+axxxosxx7=463.
P(B) = a arf 0.07 = 0.12		d. Pcc) = PCANBAC) + PCANBAC) + PCANBAC! + PCC PSIAC!)
c. the probability of a long-sleened:		= 0.54 toa45+ 0.14+0.015 = 0.74
	+ 0-10+ 0as+007	e. P(AIBNO = RADBOD = 0.54 = 0.794)
	+ 0.04 + 0.02 + 0.08 = 0.44	runi.)
the probability of a shurt sleeved shirt:	Ptp)= 004+02+02	71 a. Since A and B are independent then A' and B' are independent too.
	+0.08+0.07+012	P(B/A) = P(B) = 1-07=03
	t 003 t 007 t 008 = 0.56	b. Using the addition rule, PCAUB)=POATRB)-PCANB)=04107 (0,1007): 0.72.
d the probability of the shirt is medium = Pce		C. P(ANB' AUB) = P(CANB') n(A UB)] = P(ANB') = 04x(HO7) = 0146
		PLAUB) PLAUB) O'TO
the Probability of the patien is a print =	P(F)	
$P_i = P_i(F_i(E)) = \frac{P_i(F_i(E))}{P_i(E)} = \frac{a_i D_i}{a_i^2} = a_i D_i$		72. PCA: MANIE = 0.11. PCA: J. PON. J. PON. J. SO they are not independent
		P(A) (A) = 0 as, P(A) P(A) = 0.4616. So they one not independent.
e. P2 = 0.08 = 15		P(AD/A)=007, P(A)-P(A)=00) , so they are Independent.
f. Pishory = 007+010 . 9		
P(nong) = 0.10 = 5		
= ((4) Truly - ((A() Th)) = 099 + 68) - (099 X 48) =	F P143+RAW) - P(A+U47) x P(A) (144) = 0.9981	Y=3 sss Y=4 Fsss Y=3 FFsss sfsss Y=6 ssfsss .F cfsss, fffsss, sflsss
84. Let A; denote the event (i=1,2.3)		YET FFFFEST. FFSFESS FESFESS SFFESSS.
a. P(A, AA, AA) = P(A,) P(A) P(A) = 0-1x0;	0 343	STSFSSS, SSFFSSS
b. P(A, AA, AA) - 1-0.347= 0.657		
C. PC A NASIMAS VICA 'NAS MAS) VICA 'NAS' N	(3))=0.770-270-3f 0.3707xc2f0.2xc2r0.7	10.0. 7=0.423, 4.5, 6.7.8, 7.6
The state of the s		6 X= -4-3, -21, 0.1, 2.3 4,5,1
d Pro a La JIE Dres	= 01	C. U= 01.2.3.9.5.6
d. Prainarinail + Diss = 0.027+4185=026		
E. Prana nasla vanuas) = Prana 2 nas (12 na vas)		g. 2 = 01.2
		12.0P(Y=10) =0.03+0.00 to 1010/4+0 2110/ 2083
P(A1/A2/A2)	= 0343 = 0 H21	b.P(7×59) - 1- a.13=0-17
PCA: UAD UAS)	77/3	C. PC Y = 49) = 0 05 +0.10+0 12+0.16+0 12 = 0.66
4. Zip code:/0000 X=1		RT=471:051010 1011:027
70345 X=4		22. C. POI = FCI) - FCII = 0.19-019 = 0.20
D0000 X=0		b. P(x>3) = 1-F(3) = 1-067 = 033
75000		C. P(2≤X≤x) = f(x) - F(1) - 092 - 019 = 078
		d. Przcz-cz) = h(y)-F01=092.031: at3
s. No. Make the sample space of A		25. P(0) = P(B front) = Pi
If the number is even . x :		P(1) = P(7=1) = P(G+1151-1810 8) = (1-p)p)
odd . x=	0.	POI = P(698) = (I-P)2p
The random Javi ble has only to	uo .s.	Continuing, Ply) = c1-plyp for y = 0.1.23;