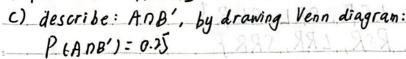
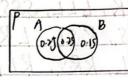
22 cs T ?	荐并的 No.
概境统计 Probability and Statistics	Date • •
Homework 02	
Section 2.	XIX
•	PAUBLE PAIR PAP-PLA
a) A= {RRR, LLL, SSS}	-1 - Kenay = ('89'A) 9.
b) B= {RLS, RSL, LRS, LSR, SRL, SL	Ry non dissil
c) C = {RRL, RRS, RLR, RSR, LRR, SRR	
d) D= {RRL, RRS, RLR, RSR, LRR, SRR	
LLR, LLS, LRL, LSL, RLL, SLL	
SSR, SSL, SRS, SLS, RSS, LSS,	LET EVEDT A &C THE PELL
e. Oth CUD=D, because CSD	PIRI = 1819 - 18
CDD=C, the same reason as abov	e
D'= { RRR, LLL, SSS, RLS, RSL, LR.	S, LSR, SRL, SLR}
ET/M	1 = 01 = 40 = (AS) W
Ex.4	1 (8) : (8)
a) S= FFFF, VVVV, FVFF, FFVF, FFFV, FV	
VFFF, VFFV, VVFF, VFVF, VVVF, VF	vv, vv + v, J
b) { FVFF, FFVF, FFFV, VFFF?	
d) \fFFF, VVVV}  d) \fFFF, FFVF, FFFV, VFFF, FFFF}	10 . 1 - 1 × 1 × 2 × 1 × 1
a) Irvit, Prof, Friv, VIII, Prity	77.17
e) cud = { FVFF, FFVF, FFFV, VFFF, FFFF, VVV cnd = { FFFF}	N. 18 - 57 57 87 6
t, buc = & FVFF, FFVF, FFFV, VFFF, FFFF,	VVVV}
$bnc = \varphi$	JUD = 20+10+101 (
0.10-7	680
Ex.9	
a) ///////	
A B	
CAUB)' A'NB'	
67 (6) (E)	
(AAB)' A'UB'	CS 扫描全值
	3亿人都在用的扫

EXIZ

a) P(AUB)= P(A) + P(B) - P(ANB) = 0.5+0.4-0.25= 0.65

b) PLA'NB') = P(AUB)'] = 1- P(AUB) = 0.35





Ex.18

Let event A be" the first one is not 75 w bulb"

P(A) = 6+5 = 11

Ex. 27

b) 
$$P(B) = \frac{C_2^{\prime} \cdot C_3^{\prime} + 1}{C_1^2} = \frac{7}{10} = 0.7$$

Ex-30.

a) A 8 = 8 × ] × 6 = 376

e.) 
$$\frac{C_{8}+C_{10}+C_{12}^{6}}{C_{30}} = \frac{1162}{593715}$$

( x

2.) 
$$\frac{C_6^2 \cdot C_9^4}{C_{15}^2} = \frac{135}{455} \approx 6.297$$

b.) 
$$\frac{C_1^2 + C_2^2 + C_6^2}{C_1^2} = \frac{34}{455} \approx 0.075$$

0). 
$$\frac{\text{Ca}}{\frac{\text{C4} \cdot \text{C5} \cdot \text{C6}}{\text{C15}}} = \frac{120}{455} \approx 0.264$$

$$\frac{C_{9}^{5}}{C_{15}^{5}} = \frac{126}{3003} \approx 0.042$$

b) 
$$\frac{A^4}{\frac{121}{6^4}} = \frac{24}{369600}$$