	No:	Date:
,		
	Exercise Chapter 3	A 7 9 E
	Exercise #7	
	1	4
	$P(A) = \frac{1}{3}$ $P(B) = \frac{3}{10}$ $P(C) = \frac{1}{3}$	a jk
	T(A) - 3 T(S) - 70 T(C) - 3	
	:	· · · · · · · · · · · · · · · · · · ·
	Wi Wrong Size	
	0: Defects	
	K = Change mind	24 money
	P(W/A) = 3 P(W/B) = 1/3 P(W/C) =	3 7 1 1 1 1 1 1
	$P(D A) = \frac{1}{10} \qquad P(D B) = \frac{1}{2} \qquad P(D C)$	3
	P(KIA)= 30 P(KIB)= 6 P(KIC)	= 3 = 0 + .
(i	P(A/K) = P(KIA). P(A)	111) 1 (ila
	P(KIA).P(A)+P(KIB).P(B)+P(KIC).P(
		101/4-11/17
	$= \left(\frac{3}{10}\right)\left(\frac{1}{2}\right)$	£19101
	$ \left(\frac{3}{10}\right)\left(\frac{1}{2}\right) + \left(\frac{1}{6}\right)\left(\frac{3}{10}\right) + \left(\frac{3}{8}\right)\left(\frac{5}{5}\right) $ $ = \frac{3}{20} $	1
	= 20	
	11 40	1.7
	$=\frac{6}{11}$	782
	The state of the s	· · · (-1/-) 1 (4)
(;;	P(c/w) = P(w/c).P(c)	(ideal)
	P(WIC).P(C) + P(WIA).P(A) + P(WIB).	
	137(1)	
		The state of the s
	$\frac{\left(\frac{3}{8}\right)\left(\frac{1}{5}\right)+\left(\frac{3}{5}\right)\left(\frac{1}{2}\right)+\left(\frac{1}{3}\right)\left(\frac{3}{10}\right)}{3}$	6.1 8
	= 3 40 19 40	
	40	3
	= \frac{3}{19}	
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iii)	P(B(D) = P	(DIB). P(B)
	9. (AID) 9	(A) + P(O1B).P(B) + P(D1C).P(C)
	=	$\left(\frac{1}{2}\right)\left(\frac{s}{10}\right)$
	(1/2)(2/2)	$+(\frac{1}{2})(\frac{3}{10})+(\frac{1}{4})(\frac{1}{2})$
	= 3/20	17.5 . (19.7)
	- <u>3</u> 20 1 4	
	3/2	V
		1 1 1 1 1 1 1
	Exercise # 8	
(ه	P(M): 0.51	and the second of the second o
*	p(M) = 1-0.51	CMALL CAMERA CONTRACTOR
	= 0-49 = 49%	Prince to the second of the second
p];)		P(MnR)=10:017
,	F .	Section of the Control of the Contro
	P(RIM) = P(ROM)	
	P (M)	
	= 0.095	
	0.51	
	= 0.186	
		7/10
P.!.)	P(MIR) = P(RIM)	
	P(RIM).P(M	n) + p(RIM). P(M)
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10.001
	P(RIM) = P(ROM)	P(MIR) = (0.186)(0.51)
	P (M)	(0.186) (0-21) + (0.035) (0.49)
	70.017	= 0.847
	ру. 0	
·	= 0.035	

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(;;; ط	P(MIR) = P(RIM).P(M)	freezise. 29	
·	P(RIM). P(M) + P(RIM). P(M)		
	= (0.035)(0.49)		_
	(0.635)(0.49)+(0.186)(0.51)	1 × ½	
	£21.0 =		
	= 15.3.%		
	0.153 × 100 000 = 15300	(F	
190			
18-			
	The same of the sa		
	(T		
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	1 P 1 B 1.		
1			
		. 1 1 1 1 1 (Vi)	
		1 14 15038	
	Carrier Contract Cont		
	THE PARTY OF THE P		- 1

P(G F') = 0	·SS	(ii. 8
P(GIF') = 0		(iii s
P(GIF') = 0		(iii s
P(GIF') = 0		
P(GIF') = 0	·S5	
P(G F') = 0	·SS	
P(G F') = 0	·S5	
	·S5	
	^	
('7)9.		
) · (c ,)		
)(0.55)		
G1F). P(F)		
3)		
4)(0·US)		
19.3		
	-44	
	, a	
	y)(ο.ωS)	