Mank Selling 4/29/2024 Mat 135

Homework 3	
1. a. 116 611	[21]
2 65 5 12	[36]
3 659 4 123	
4 6543 3 1234	
5 65432 2 12345	
6 654321 11 23456	<u></u>
b,	G 5 R 10)
	S. R. W.
	a. P(Rw/Wg) - 18
	b. P(Rw)= 18 - 9
	c. Not independent
	PURW () WE) = P(B) P(W)
2 A= Blue is Odd, B= Greenis even	$\frac{1}{6} \cdot \frac{1}{3} = \frac{1}{6} \cdot \frac{1}{3}$
10-0 11	
$P(A) = \frac{1}{2} \cdot P(B) = \frac{1}{2} \cdot P(C) = \frac{1}{2} \cdot P(A \cap B) = P($	And = P(Bnc)= P(A) P(B)=, P(A)P(O=P(B)P(C)
= 4 Parrying independent Check for mustice	ol: not mudually independed
P(A)B)()=0 (Not possible) P(A)B)()	\$ P(A) P(B) P(c) = \$
3, 5=7 B=5 X=4	Province - Provide Division 2 Proposition
a. Assume English is only everlap	P(SUBUX) = P(S)UP(B)UP(X)-2P(SNBNX)
= [14 languager] Moons P(SNB)UPI b Assume may exercise & languages or	1 minimum al land are
	HILD HALL BOX O.
4. Troub Win En Al	0. (0.7)(0.05)+(0.5)(15)
70 Win 50	1514
lose 30 Lose 50	
Black lotus No black lotus	B= Black lotus W=Win
I NORTH A - PODANA (1)	7.4.05 = [6.86274-]
b. P(B/W) = P(B)W) = 0,	7.0.05 = 6.80279
PW) OU	