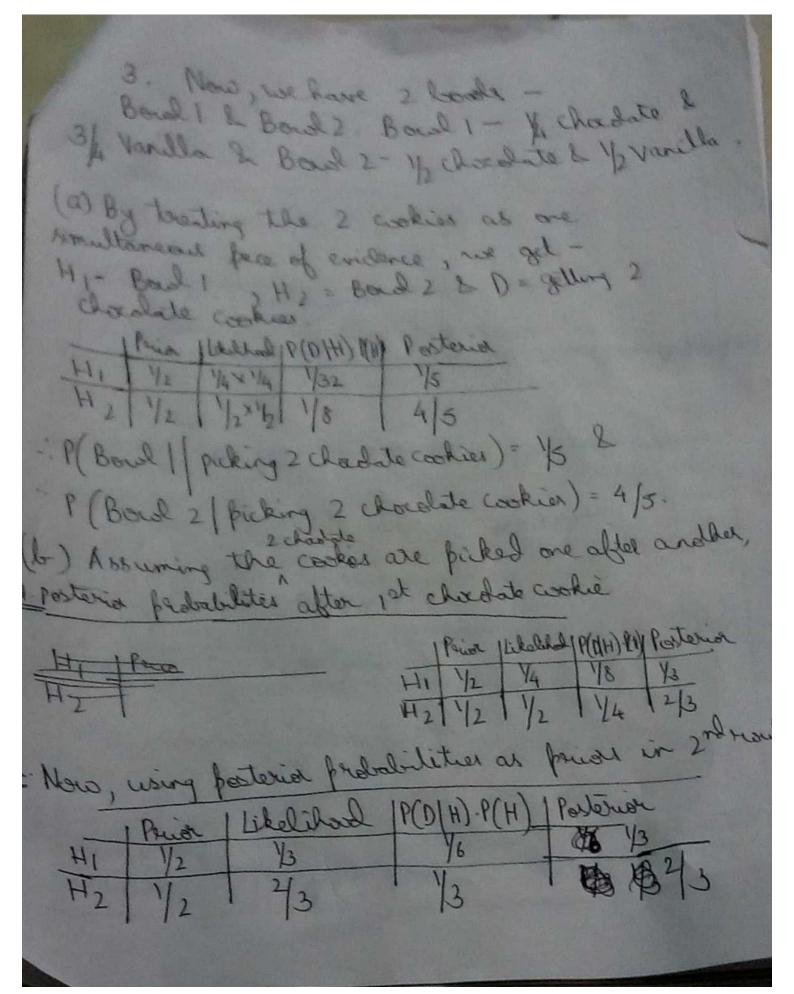
CICE ROOK
ISTA-331 Sillbant Blandway Callab - Vilolat Mills
MATTER HAND
1. Ognor P(1) = P(2) - P(3) - P(4) - 1/5 &
P(5)= P(6)=1/0 for londed die F P(01406). /6
for four die
(a) Brawing a Bayes tallo,
(a) Branson a Proper to Laboratoria Properties 1979, 1 1/2 1/2 x60/6 5/6
H-1V-1V 1V 1V 4601 1518
exhere H1 = choosing a four die, H2 = choosing a
hooded die
P(H2/0) = P(loaded die /8thing a 6) = 3/8 (Ams).
E) Let 0 = getting a 2 L H1= fas die L
H2 = getting a loaded die
1 Pour Ledihood-P(OH) P(OH) P(H) Posteria -P(H) 0
H1 1/2 1/6 1/2
7 1 12 19 19
: P(H2/D)= P(8things looked de /8thing a2)
= 6/11

Hence, P (getting ned condulation other) = 2/3 (Am)



4. If we draw a chordate caskie & probabilitar a varilla caskie, then the parteries probabilitar are calculated as follows:

Di = drawing a chocolate cookie, Dz = drawing a po varilla cookie, Hi = drawing Bowl 1,

H 2 = Boral 2

Fd chocolde wokie

1	Prior	1 Likelihal	P(01H)-P(H)	Partesiar
HI	1/2	14	1/8	1/3
H ₂	1/2	1/2	1/4	2/3

For Varilla cookie +

	Paier 1	Likelihod	P(02 14) P(4)	Parleria (
HI	1/2	3/4	3/8	3/5
H ₂	1/2	1/2	1/4	4 5

I do not think that the order in which the order is in it is it the cookies are december of land that the herains as the now of cookies is a loss alter the ficking a single cookie is does not alter likelihood substantially.