Example 2. O Derine A and B	
A { Head Side of First Gin }	
BE Head Side of Second Coin 3	
(, tad side of second Coin)	
3. Get Sample Spaces	
Total Sample Space Before Any Events Occur (HH, HT, TH,	-3 = 4
Sample Space of A (HH, HT) = 2	
Sample Space of B Given that A occurred = EH+3 = 1	
A=2	
$P(BIA) = \frac{1}{2} \approx 0.50$	
Example 1	
Derine A and B	
A E First Card is an Ace 3	
BE Second Card is an Ace 3	
@ Get Sample Spaces	
Total Sample Space Before 52 courds = 52	
Sample Space of A { 4 aces } = 4	
Total Sample Space after Event A = 51	
Sample Space of B & 3 aces 3 = 3	
P(BIA) = 3 2 0.06	

Example 4 O Derine A and B A { Card is red } B E card is an ace 3 BIA (card is an ace given card is med). 3 Get Sample Spaces Total Sample Space Before Events is 52 cards = 52 Sample Space of A [26 cords] Sample Space of B. E 4 aces 3 = 4 K don't need this Sample Space of BIA (2 aces 3 = 2 P(AIB) = P(ANB) = 2/52 = 1 = .08 P(B) 26/52