		$\sim$	
	HHHH		
	cell = P(fair). P(HHHHHHfair)		
tair	cell = P(fair). P(HHHH   fair) row = P(HHHHH   fair)	14/5	
	col = P(fair (HHHH)		
bias	Cell= P(bias). P(HHHH   (Big)	11.	
	van = P(HHHHHbias)	15	
	(01 = P(bras   1+H+H)		
of total	(ol = P(bias   HHHHH)  P(HHHH) = P(fair) · P(HHHHH   fair)  +  P(bias) · P(HHHH   bias)		
sociality (	P(bias). P(HHHHbias)		
		]	

Bayes Rule:

P(bias) = # 1/5

P(HHHHH) = 0.75 $P(HHHHH) = 0.75^{4} = 0.3164$ 

P(HHHH) = P(fair). P(HHHH | fair) +
P(bias). P(HHHH | bias)

P(fair) = 4/5  $P(HHHH+|fair) =) P(H) = 0.5 \rightarrow 0.5^{4} = 0.0625$  $-4/5 \cdot 0.0625 + 1/5 \cdot 0.3164 = 0.11328$ 

P(brus| HHHHH) = \frac{115.0.3164}{0.11328} = 0.5586