2 events (Dependure.) Independere.
Cx 8 merblo m a bag 36,5B
Ex Draw 2 marbles The 2 draws
3/8. G 5/8 B independent
$P(B \cap B) = P(B) \cdot P(B) = \sqrt[5]{6}$
Ex San situation w/no replant. 58,39
Ex San situation w/no replaced. 58,36 1/2/B2 Draw 1 and
Draw I and Draw Z and 3/2 Draw Z and 3/4 Draw Z and
San situation who replaced. 58,36 1/2 Bz Draw I and Draw 2 en 3/8. G 1/2 Bz Conditional probability 7 Gz Notation: P(Bz G) -> probability of Bz given you know G, happened.

	Chen	Phy	Bro	Total	
French	7	4	3	14	
Spanish	l	6	9	16	
Totas	8	0)	12	30	
Randomly chara a study $P(C) = \frac{8}{30} P(C F) = \frac{7}{14} = \frac{1}{2}$ $P(F C) = \frac{7}{4}$					

2 dia on rolld: Alboth as the saw B={ they sum to 6} Show A and B one not independent $P(H)P(B) = P(A \cap B)$ $7(A) = \frac{6}{36} = \frac{1}{6}$ $P(B) = \frac{3}{36}$ P(ANB)= 1/36 P(m). P(B) + P(A)B) the Had Bare thought all the other way to look at the P(A/B)=+ P(A)=+ this to Aas B as dependent.