## EXERCICIS PROBABILITAT

Problema 7.

moneda

3/4 normal

moneda

trev

trev

trev

trev

A= "escollir moneda normal"

B = "escollir moneda trocada"

c = "sortir cara"

Es ta un llançament i s'obté cara. Probabilitat que s'hagi

escollit la moneda trucada ?

P(A) = 3/4 , P(B) = 1/4 - AAB = 0 AVB = 0

P.(C|A)=1/2 P(C|B)=1

P(c) = P(C) A) P(A) + P(C) B) = form. Prob Total

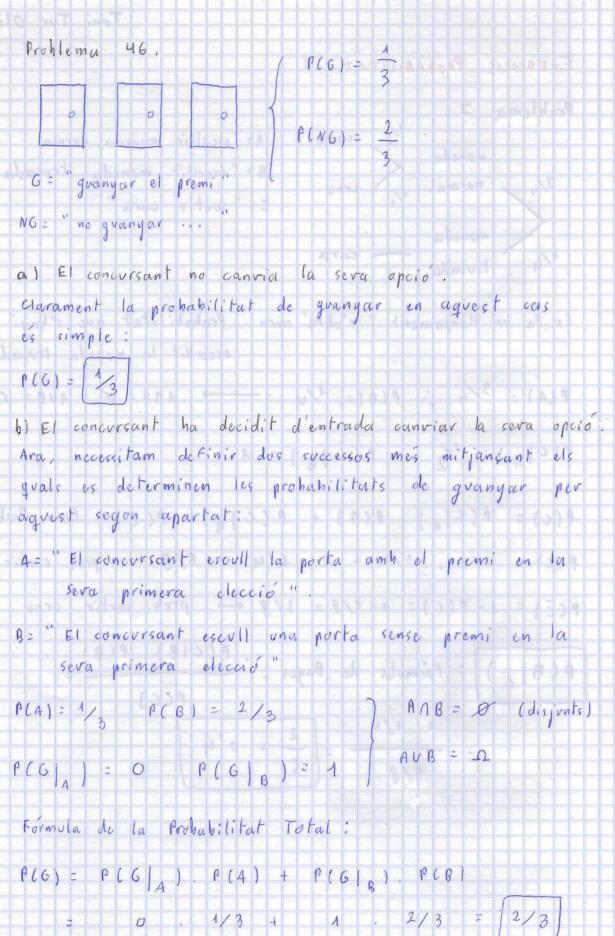
p(c) = 1/2. 3/4 + 1. 1/4 = 5/8 - proh. sortir cara

P(c) = 1-P(c) = 1-5/8 = 3/8 - prob. cortir crev

P(B|c) = Fórmula de Bayes = P(C1B), P(B) P(C)

 $\frac{1.1/4}{5/3} = \frac{2}{5} = 0.4$ 

STATE TO DESCRIPTION



També aplicable en el cas al, essent:

P(G|A)=1; P(G|B)=0