Bayes Theorem formula! P(B/A) . P(A) P(alg) = Passing a continue P(E; /A) P(G;). P(A/E;) \$\tilde{\mathcal{P}} \tilde{\mathcal{P}} \tilde{\mathcal{P}} \tilde{\mathcal{P}}

Bayes Theorem Questions

Contains 2 gold and I silver coins, Box B conteins

Contains 2 gold and I silver coins, Box B conteins

I gold and 2 silver coins and Box C contains 3

Silver coins. A person chooses a Box at random

and takes out a coin. If the coin drawn is of silver

find the probability that if has been drown from

the box office has the xemaining two coins

also of silver.

Solo of silver.

F(G.) = P(G.) = P(G.) = 1

A 2 be the quant of drawing a silver coin

whe have to find P(G./A)?

The p(A/G.) = 1

P(A/G.) = 1

P(A/G.) = 2

P(A/G.) = 2

P(A/G.) = 2

P(A/G.) = 1

P(A/G.) = 1

P(A/G.) = 2

P(A/G.) = 1

P(A/G.) = 1

P(A/G.) = 2

P(A/G.) = 1

P(A/G.) = 1

P(A/G.) = 2

P(A/G.) = 1

P(A/G.) = 1

P(A/G.) = 2

P(A/G.) = 1

P(A/G.) = 1

P(A/G.) = 2

P(A/G.) = 1

P(A/G.) = 1

P(A/G.) = 2

P(A/G.) = 1

P(A/G.) = 1

P(A/G.) = 2

P(A/G.) = 1 O. Civen three identical Boxes A, B and C. Box A

Begin Treemen Charling

P(E3/A) 2 P(A/E3)1. P(E3) P(a) - P(a/e), P(E) + P(a/e,), P(E), +5 PCA(C3).P(C3).

1 O. There ore 3 boxes: 20 Box 1 has 2 gold coins 30x c 20g 2 Silver coirs b b b b b b b b b b b b You book one box or vondom, then draw one Coin of sondon - it's gold, what is she probability the other coin in that box is also gold 9