

* MIDTERM: FRI, MARG

* HW#1: THES, FEBY

-> GRADE SCOPE BY h:59 PM

* AMZ #1: WED, FEB &

-> IN DISCUSSION SECTIONS

-> COVERS ALL OF \$1.

GROVPS A DECK IS SHUFFLED.

P(TOP CARD IS KING SPADES

OR

BOTTOM CARD IS KING SPADES)

= ?

G-ROUPS 2 DECKS ARE SHUFFLED. P(ToP OF 184 IS KS B0770 M &F 2nd 15 (LS)

= ?

GROUPS SUPPOSE AIB WITH

P(A)=0.5, P(AVB)=0.8.

IS IT POSSIBLE THAT A, B

ARE INDEPENDENT AND

MUTUALLY EXCLUSIVE (DISJOINT)?

G-Roups

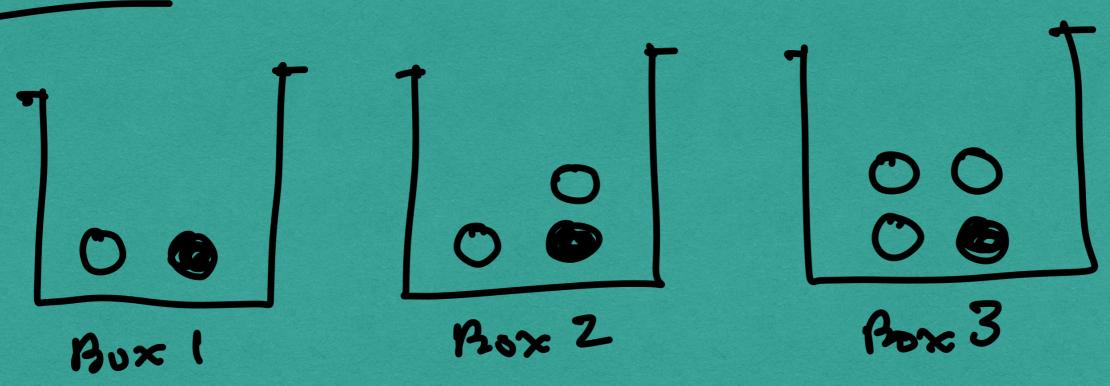
P(A) = P(AUB) = 0.8.

CAN A,B BE INDEPENDENT AND MUTUALLY EXCLUSIVE? BIS BAYES' RULE

 $P(A|B) = \frac{P(B|A)(P(A))}{P(B)}$

GROUPS: WHY?

G-ROUPS



* PICK A BOX AT RANDOM, AND THEN
A BALL FROM THAT MOX RANDOMLY.

* SWPPOSE THAT IT IS WHITE. FIND THE PROB. THAT IT CAME FROM BUX 2.