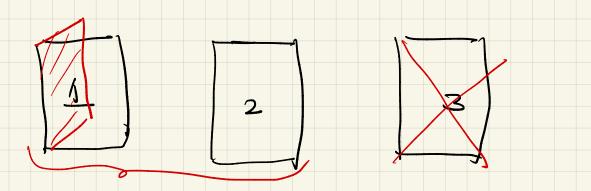


## Monty Hall Problem



prize behind ou of doors. No prize behind other two doors.

Step 1) Choose one of the doors. (say door 1)

Step 2) Monty open a door that is not yours and does not have the prize. (Say door 1).

Steps) Do you want to switch?

Right thing to do: Swotching door increases the chance of winning the prize.

Probability before switching:

P( your chaire was ) = 1 the power cloor) = 3

P(Foor 3 is the ) = 1

Form B has happen the prize can only be behind @ or 3.

B= & Door 1 is not the prize door &

P(won the B).

could stay with

Could switch to the other unopened

