

Manic Mango selects one of the volunteers at random to ask if she enjoyed playing the game, and she says she did. Given that the volunteer enjoyed playing the game, what's the probability that she played game 2? Use Bayes' Theorem.



Hint: What's the probability of someone choosing game 2 and being satisfied? What's the probability of someone being satisfied overall? Once you've found these, you can use Bayes Theorem to obtain the right answer.