Correct

10. An Urn contains two white marbles and one black marble. A marble is drawn from the Urn without replacement and put aside without my seeing it. Then a second marble is drawn, and it is white. 1 / 1 point

What is the probability that the unknown removed marble is white, and what is the probability that it is black?

Correct

11. What is the probability, if I flip a fair coin with heads and tails ten times in a row, that I get at least 8 heads? 1 / 1 point

Correct

12. Suppose I have either a fair coin or a bent coin, and I don't know which. The bent coin has a 60% probability of coming up heads. 1 / 1 point

I throw the coin ten times and it comes up heads 8 times. What is the probability I have the fair coin vs. the probability I have the bent coin?

Assume at the outset there is an equal $(.5, .5)$ prior probability of either coin.

*Please note that in order to fit the entire formula in the feedback, probability has been abbreviated to "prob."

Correct