



(C) The node with value 2 is proved, as shown on the diagram. (d) Alpha-beta pruning is simply a more efficient implementation of Minimax, and in fact allows us to forego certain substress while still keeping the same final result (e). P(optimal choice) = P(heads) + P(tails). P(optimal choice | tails)
= 0.5 + (0.5). (0.5)





