b) [4 Points] Given the values of the first eight leaves (counting from left to right), do we need to evaluate the ninth and tenth leaves? Explain why.

b =
$$(-1+3) \times 0.75 = 0.5$$

In order for b to beat a, the rest of b's value should be
larger than $1.5-0.5=1$.
Suppose all the left node left is 4 (which is the maximum value),
we get $(4+4) \times f = 2$, which is larger than 1. That meens we
still have a chance to beat a.
There fore, we keed to evaluate 9th and $10+16$ leaf.

c) [4 Points] After the first two leaves are evaluated, what is the value range for the left-hand chance node?