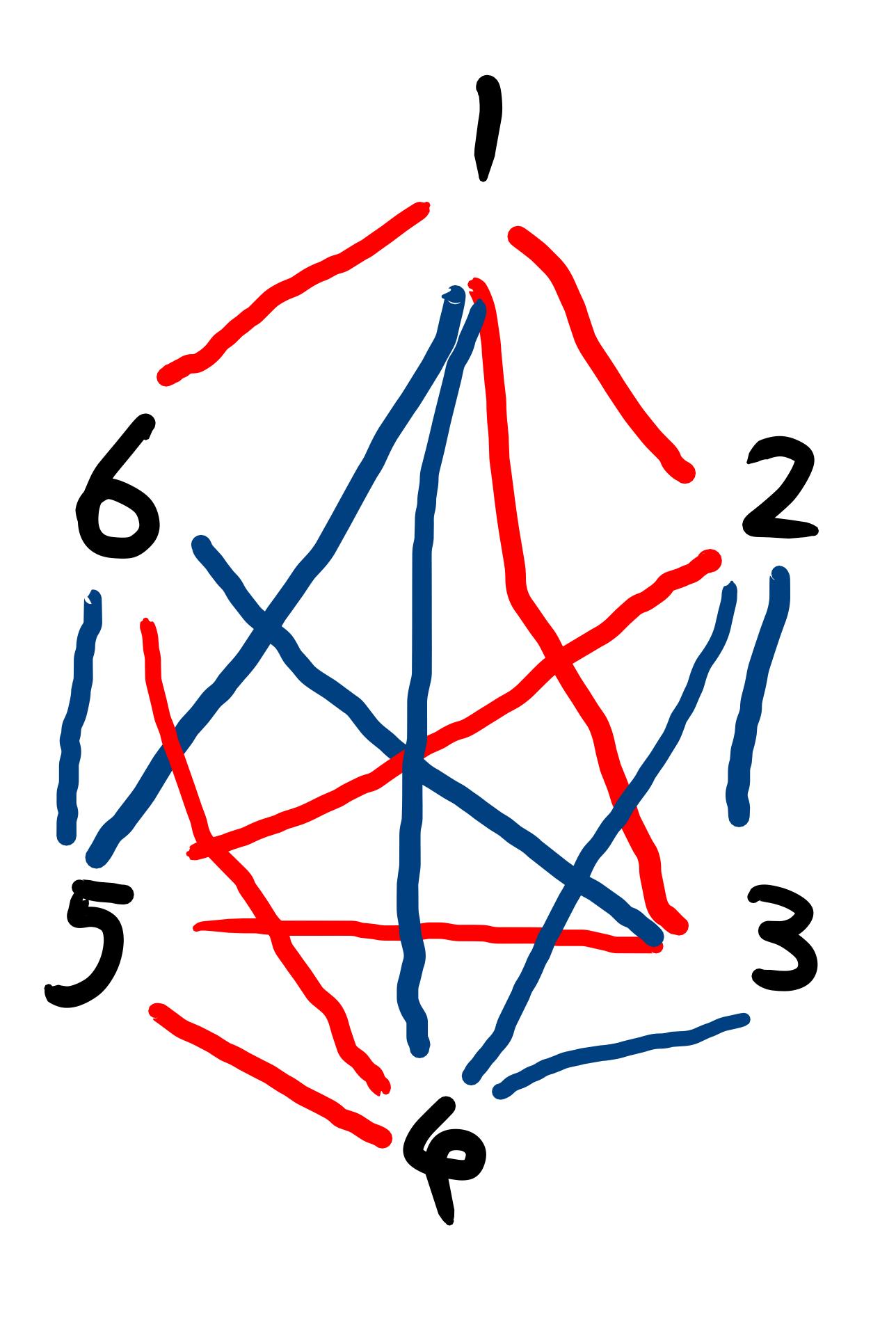
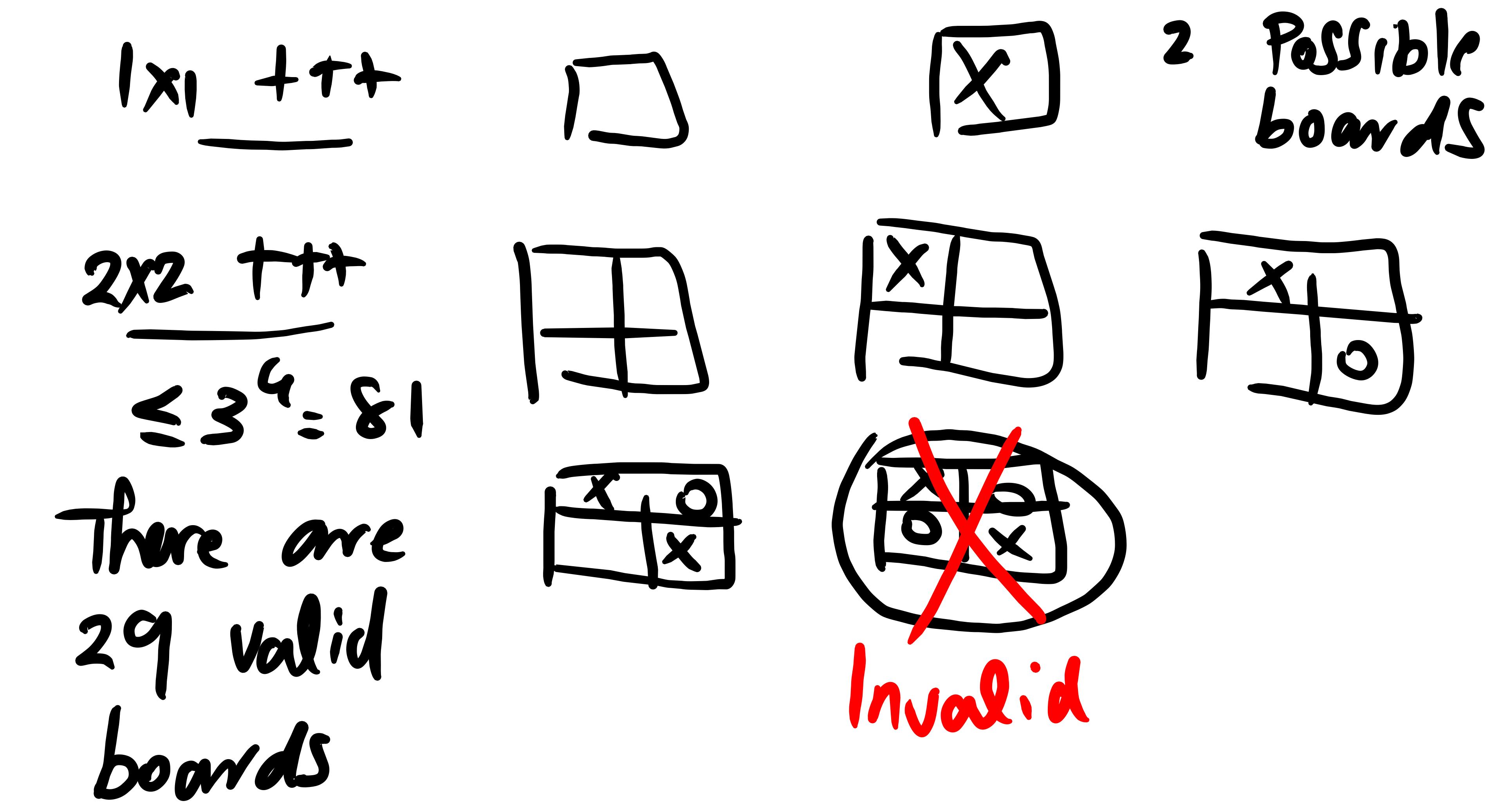
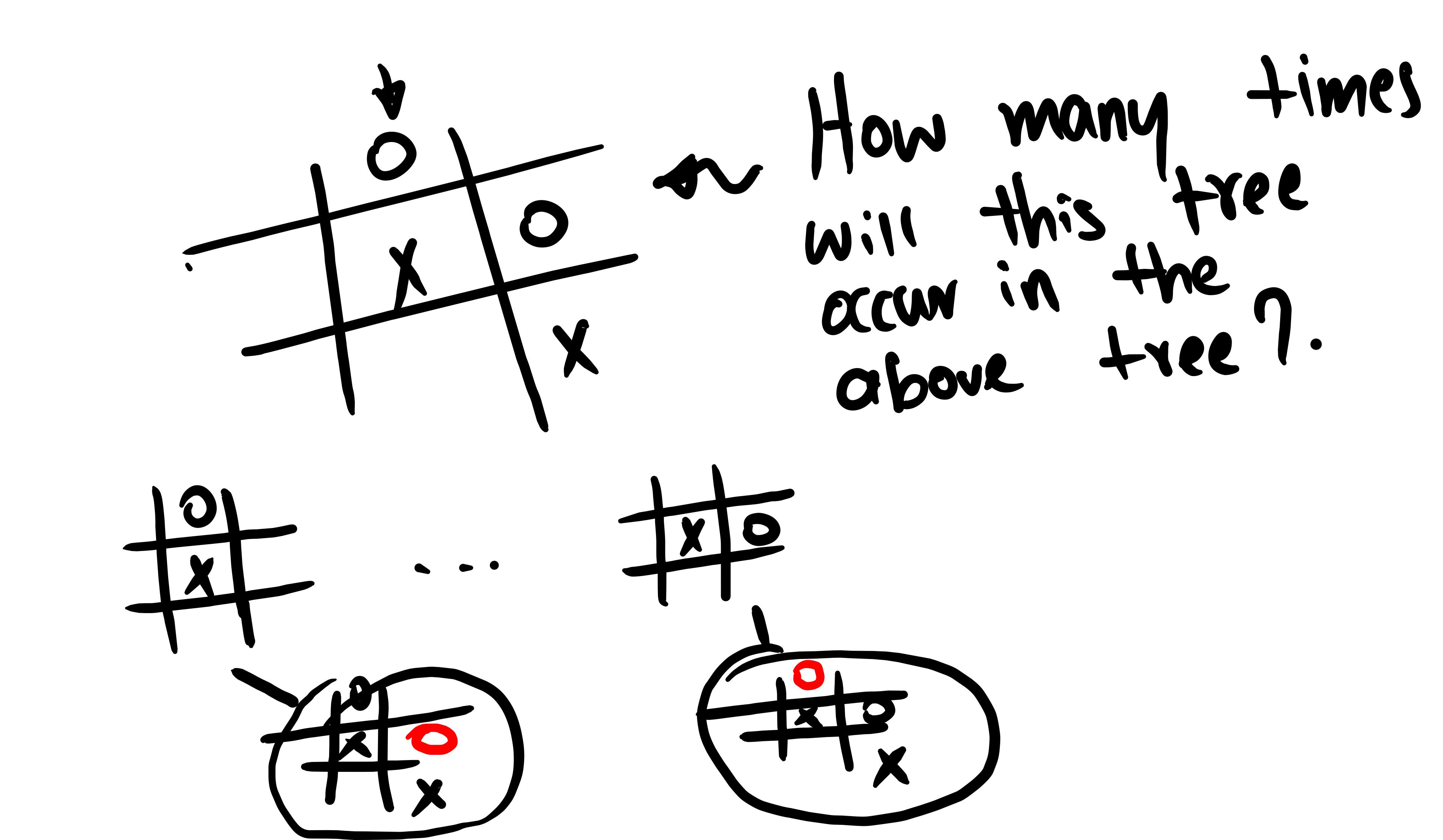
olue 105t 42,4,3

Blue Should always win!

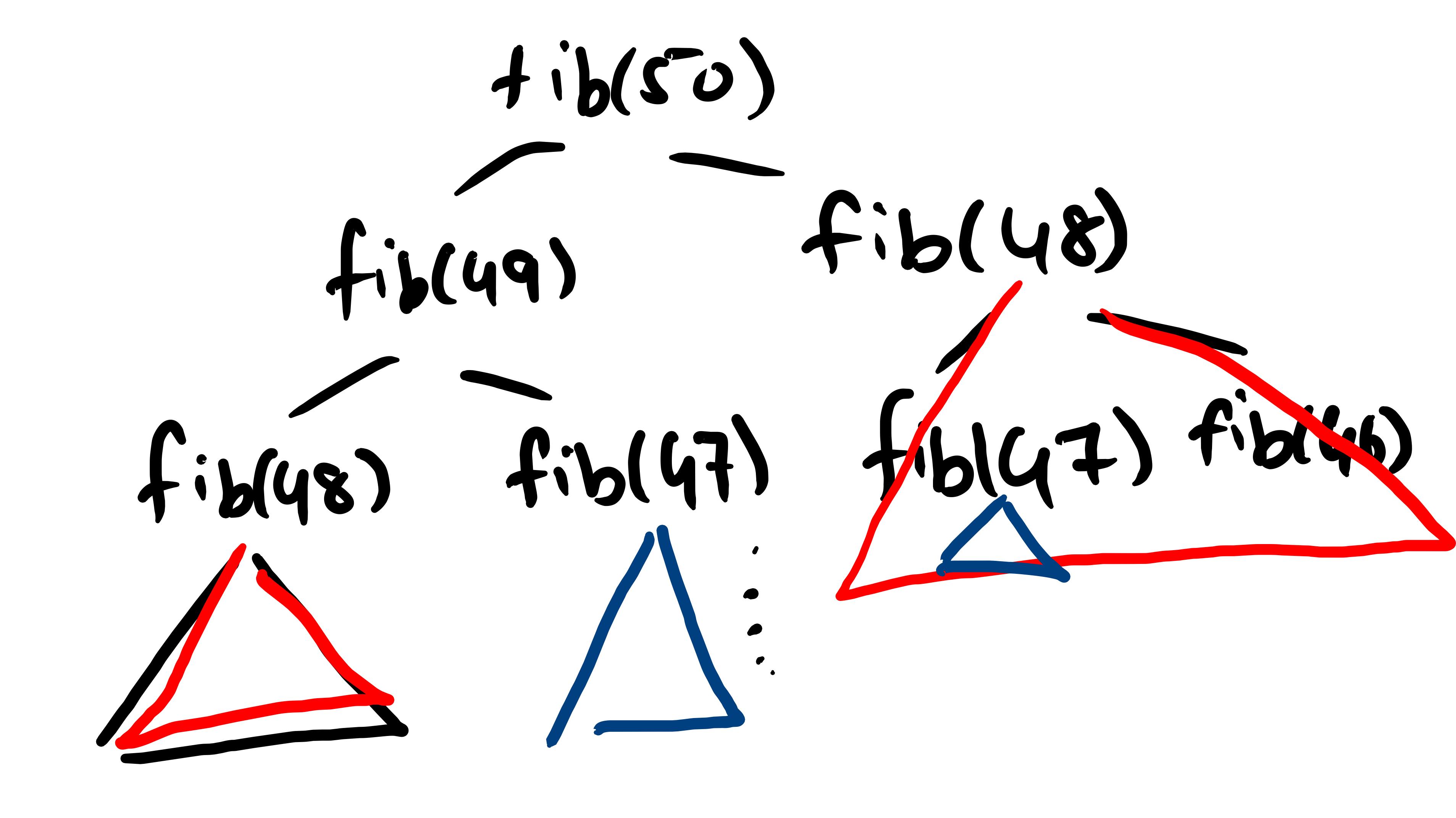


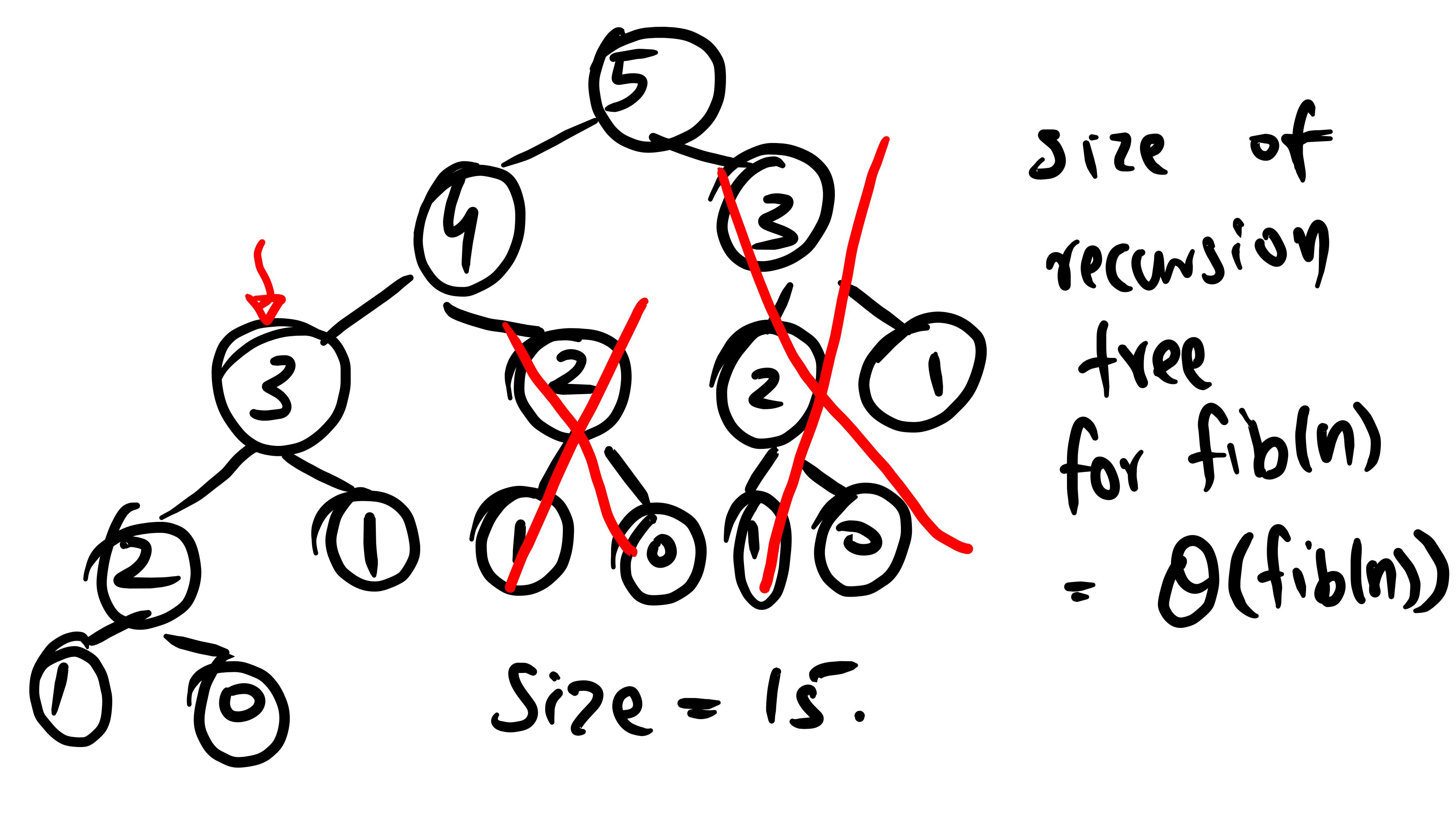


3x3 4tt < 39 - 19683</p> actual boards = 5478 4x4 ttt  $\leq 3^{16} = 43046721 \sim 4$  (royes actual boards = 97,22,011



Memoization when we have finished analysing a board position, store the optimal move. If best move is called on a board already analysis refurn the computed Move.





## Size with memization = O(n).

BINK -> (020011002),= 2+3+342x3 What is the board with the largest index 7. 000 221100000

(22211110) XXO

000 0 X X X X —