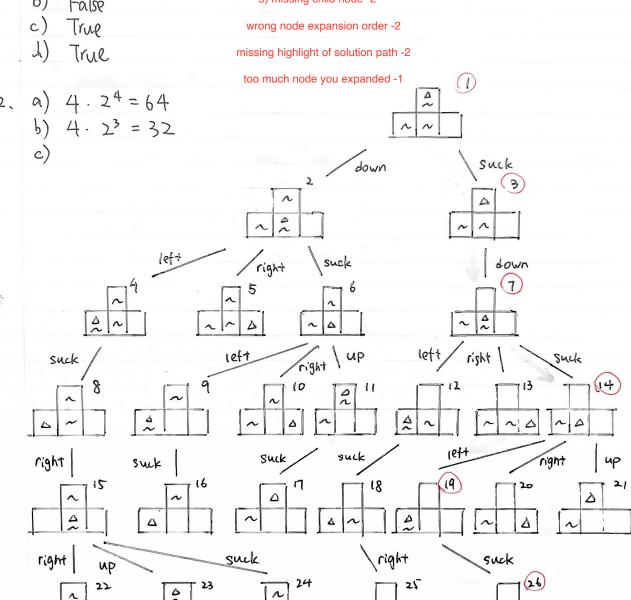
CS 4613 Homework #1

Overall Feedback 1) d wrong -2.5

4) incorrect node generation -3

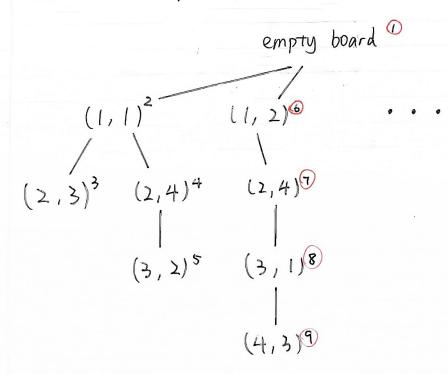
- incomplete tree structure(child nodes of the root node) -5 a) False
 - 5) missing child node -2 False



d) Yes. Graph search prevents depth-first search from repeatedly reaching the same state and entering a loop. The search space of this problem is finite so depth-first search can be used.

b)
$$\frac{16!}{2} = 10461394944000$$

4. (a,b): add queen at ath row bth column



5, cost City order

