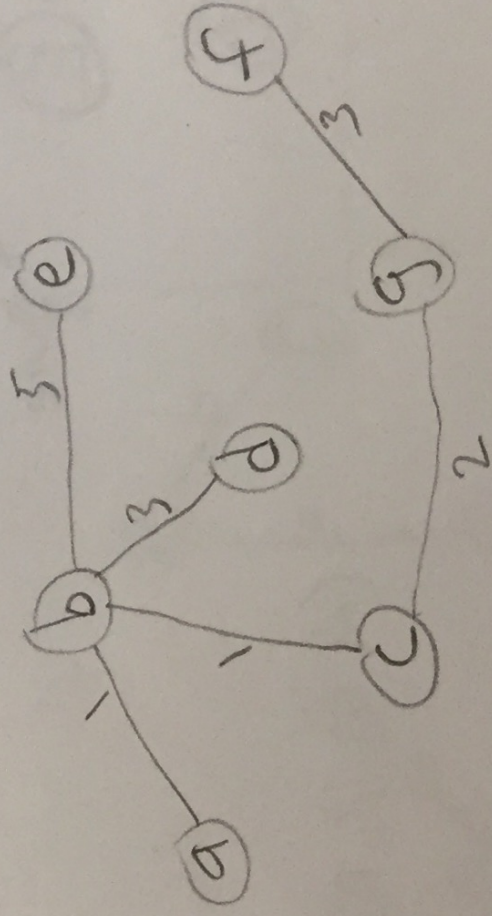


ii) shown below are the MST obtained after adding the indicated edge weights from a single-source shortest path algorithm/traversal.



- shown is, the

MST, a sub-graph of G , with the sum of the min. edge weight given in part i) =

- this MST is distinct from all of the SSSP trees derived from the weighted graph G that I came up w/ in part i).