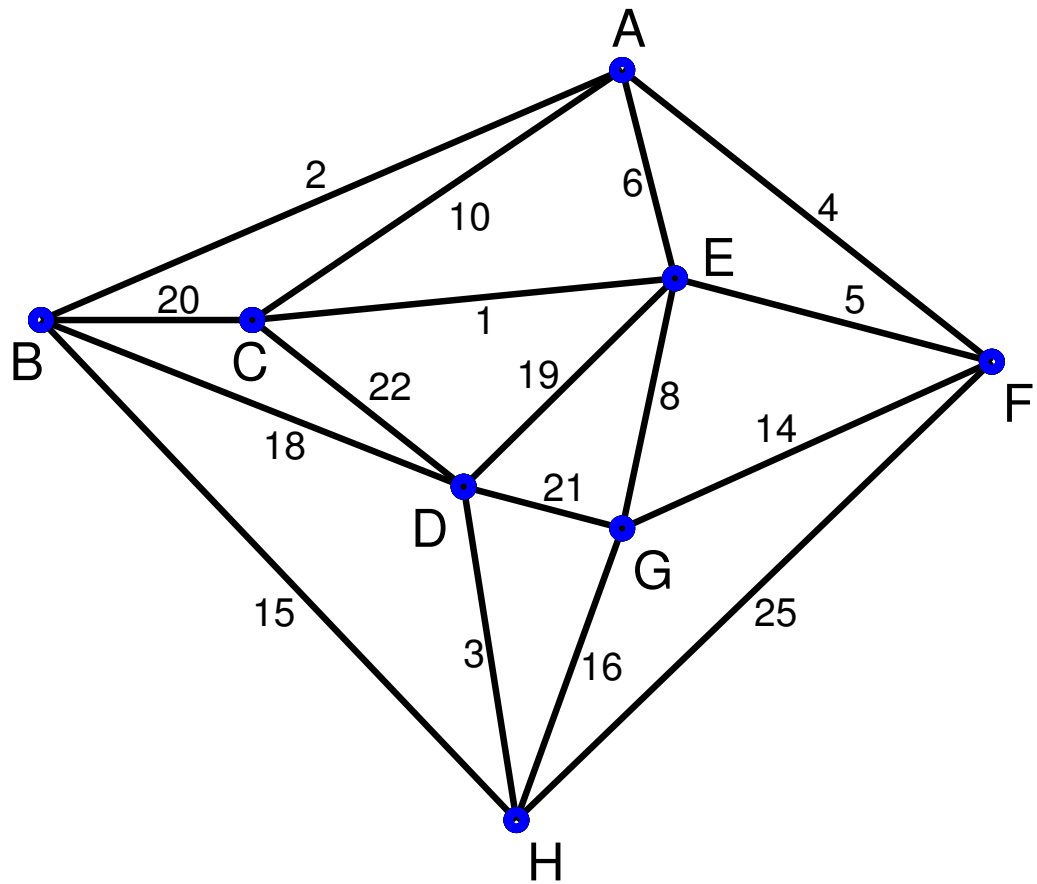


Write your name and code on the back. *Show your work!*

1. { 10 points } Design a minimum spanning tree for the given graph. List the order in which the edges are chosen for both methods below.



(a) Use Prim algorithm.

(b) Use Kruskal's algorithm.