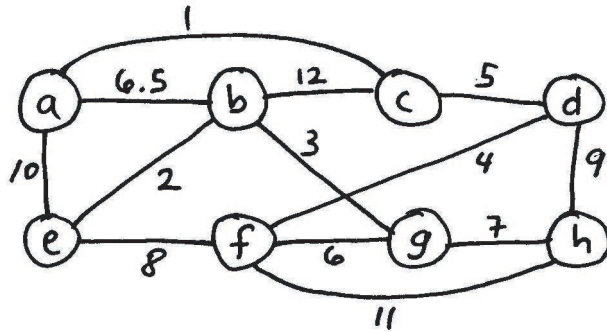


Extra homework, Chapter 23.2

Consider the following weighted undirected graph:



1. Determine a minimal spanning tree by using Kruskal's algorithm. Show intermediate steps (or at least indicate the order in which edges are added to form the spanning tree).
2. Determine a minimal spanning tree by using Prim's algorithm with root h . Show intermediate steps (or at least indicate the order in which edges are added to form the spanning tree).