

Names: \_\_\_\_\_

PantherIDs: \_\_\_\_\_

### Worksheet 2-10 - Graph Theory

- (a) Apply Kruskal's algorithm for the graph below to obtain a minimal weight spanning tree.  
(b) For the same graph, apply now Prim's algorithm starting with the vertex  $c$  to obtain a minimal weight spanning tree.

**Note:** The trees you get in parts (a) and (b) may not be the same, but their weights should be the same.

