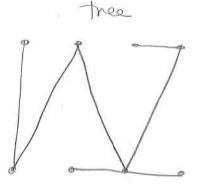
- Math 1116, Quiz #10, Spring 2013 Name KEY 1. Draw a tree below using the vertices provided. Math 1116, Quiz #10, Spring 2013 Name KEY and were below using the vertices provided. Math 2013 Name KEY and were below using the vertices provided. Math 2013 Name KEY and were below using the vertices provided. Math 2013 Name New York Were below using the vertices provided. Math 2013 Name New York Were below using the vertices provided. Math 2014 Name New York Were below using the vertices provided. Math 2014 Name New York Were below using the vertices provided. Math 2014 Name New York Were below using the vertices provided. Math 2014 Name New York Were below using the vertices provided. Math 2014 Name New York Were below using the vertices provided. Math 2014 Name New York Were below using the vertices provided. Math 2014 Name New York Were Below Using the vertices provided. Math 2014 Name New York Were Below Using the vertices provided. Math 2014 Name New York Were Below Using the vertices provided. Math 2014 Name New York Were Below Using the vertices provided. Math 2014 Name New York Were Below Using the vertices provided. Math 2014 Name New York Were Below Using the vertices provided. Math 2014 Name New York Were Below Using the vertices provided. Math 2014 Name New York Were Below Using the vertices provided. Math 2014 Name New York Were Below Using the vertices provided. Math 2014 Name New York Were Below Using the vertices provided. Math 2014 Name New York Were Below Using the vertices provided. Math 2014 Name New York Were Below Using the vertices provided. Math 2014 Name New York Were Below Using the vertices provided. Math 2014 Name New York Were Below Were
  - 2. What are some of the characteristics of a graph that will make the graph a tree? List at least two properties.

the graph is connected wit n vertices 3 n-1 edges no circuits even edge is a bridge

3. Suppose that we know that graph G has 8 vertices and 7 edges. However, this is not enough information to determine if G is a tree. Give one example of a graph where G is a tree, and another example where G is not a tree in the space below.



Connected no circuito

not a free

Not connected has a curcuit

4. Is Kruskal's algorithm optimal or approximate? Efficient or inefficient?

ophmal, efficient