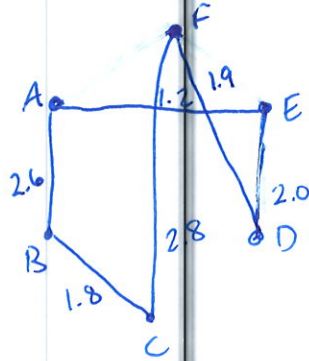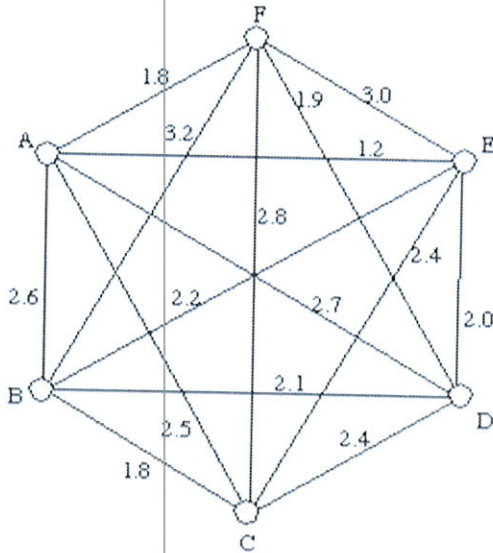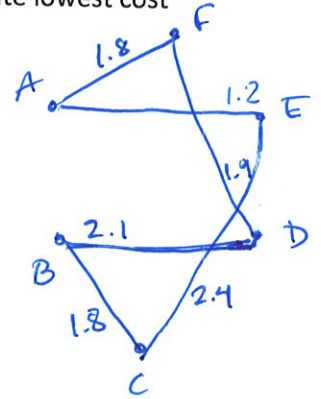KEY

Instructions: Show all work. Use exact answers unless specifically asked to round. Be sure to complete all parts of each problem.

1. Use the graph below to:
   a. Apply Nearest Neighbor algorithm starting at A. State the cost of the approximate lowest cost circuit.
   b. Apply Cheapest link. State the circuit, and state the cost of the approximate lowest cost circuit.
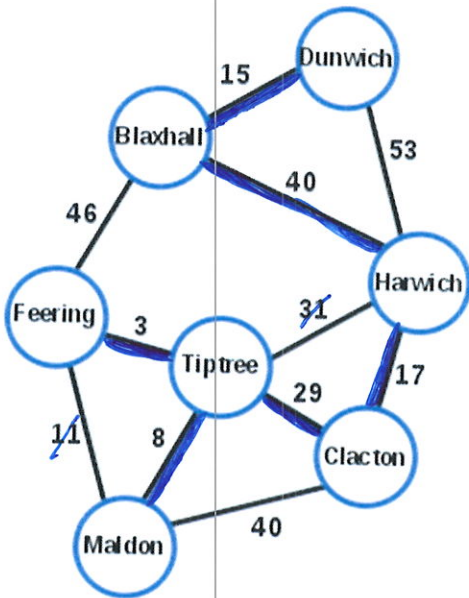

Nearest Neighbor

12.3

Cheapest Link

11.2

2. Use the graph below and Kruskal's Algorithm to find the minimum spanning tree. Find the cost of the tree.

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