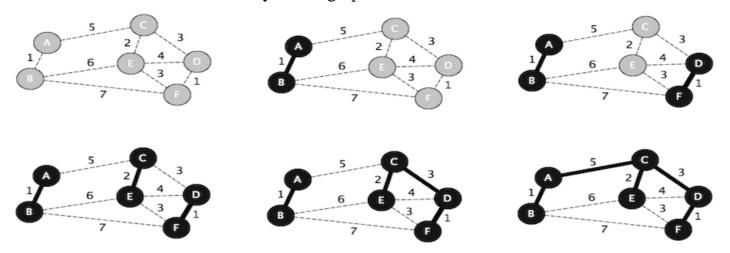
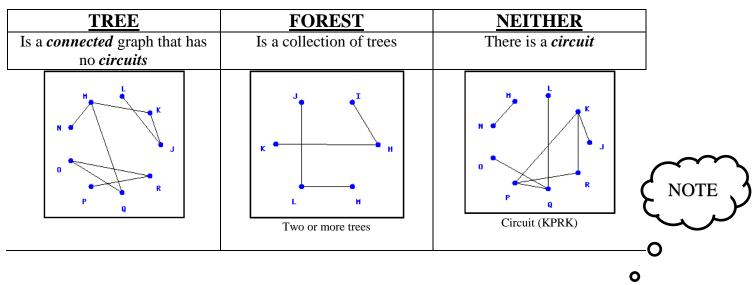


Steps

- 1. Choose any edge with the smallest weight
- 2. Choose any remaining edge with the next smallest weight

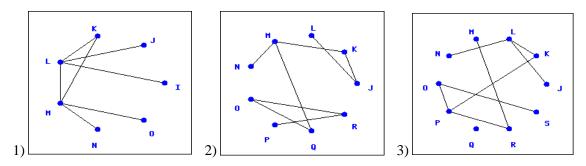
3. Keep adding the next smallest weighted edge that does not create a circuit until all vertices have been added to your subgraph.



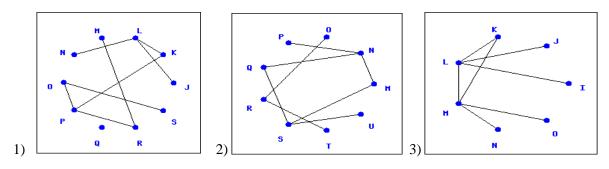


A Tree is always a Forest, but a Forest is <u>not</u> necessarily a Tree.

Which of the following is a TREE?



Which of the following is a FOREST?



Answer:

TREE:

1) Not (Circuit MLKM)

2) Tree

3) Not (Disconnected "**Q**")

FOREST:

1) Forest 2)

2) Not (Circuit QMNSQ)

3) Not (Circuit KLMK)