LARSON—MATH 356—CLASSROOM WORKSHEET 26
Trees.

Concepts & Notation

- Chp.2: Trees

A *pendant* or *leaf* is a vertex of degree 1.

1. How many leafs does this tree have?

2. How many bridges does this graph have?

3. Find $|V|$, $|E|$, and $|E| - |V| + 1$.

4. Remove any leaf vertex (and incident edge)? Draw the new graph.

5. What kind of graph do you get?

6. Find $|V|$, $|E|$, and $|E| - |V| + 1$. Why is this last number unchanged?