

Math 270 - Basic Discrete Mathematics
Practice Quiz on Section 10.4

Directions: Answer the problem given below.

1. Draw a tree T on 6 vertices with exactly 3 leaves.

2. A connected graph G has 8 vertices, whose degrees are 1, 1, 1, 2, 2, 2, 3, 4. Is G a tree? Why or why not?

3. A graph H has 10 vertices, 9 edges, and H contains a circuit. Is H connected?