

Tut 0201 and Tut 0202

Quiz 2

Thursday February 15

No aids allowed.

1. Prove that every connected planar graph with less than 12 vertices has a vertex of degree at most 4.
2. Reprove the theorem that a tree with n vertices has $n - 1$ edges by using the fact that trees are planar and Euler's formula connecting the number of regions, edges, and vertices of a planar graph.