

Tut 0101 and Tut 0102

Quiz 2

Thursday February 15

No aids allowed.

1. Prove that every connected planar graph has a vertex of degree at most 5.
2. Use the fact that every planar graph has a vertex of degree ≤ 5 to give a simple proof that every planar graph can be 6-coloured. Follow the argument in the beginning of the proof of Theorem 5.