MAD 3104 DM1Quiz 4f11 Oct 1995Name:Show ALL work for credit; be neat; and use onlyONE side of each page of paper.

1. Decide if the two graphs below are isomorphic or not. If they are isomorphic, then give an isomorphism. If they are not isomorphic, then explain why they are not isomorphic.



2. Prove by induction: $4^n > n^2$ for $n \ge 1$.