

MATH 2602 K1-K3, Quiz 8, April 16

SHOW ALL YOUR WORK TO RECEIVE FULL CREDIT!

Name: _____

Problem 1 : In a group of 10 people, each person has at least 5 friends. Show that the group can be seated in a circle, each person next to a friend.

Problem 2: Given that a tree has 100 vertices of degree 1 and 20 of degree 6 and that one-half of the remaining vertices are of degree 4 and the rest of degree 2, determine the number of vertices of degree 2.