

MATH 2602 K1-K3, Quiz 5, March 12

SHOW ALL YOUR WORK TO RECEIVE FULL CREDIT!

Name: _____

Problem 1 : How many possible license plates can be manufactured if a license plate consists of three distinct letters and 3 arbitrary digits ("abc112" is a valid license plate, while "aad123" is not).

Problem 2: What is the smallest number of seats in a large auditorium that must be occupied in order to be certain tht at least three people in attendance have the same first and last initials.