

Math 382, Fall 2011. Homework 10

Due Sept. 27

NAME _____

Notes: Chapter 3, Problems 21, 22, 23

Problem 10A.

There are 25 schools in a district, 10 of which are performing below standard. Five schools are selected at random for an in-depth study. Find:

- a) Probability that in your sample, no schools perform below standard.
- b) Probability of selecting at least one that performs below standard.
- c) The mean and variance for the number of the schools that perform below standard.