QUIZ ELEVEN, MTH 101, FALL 007

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Name————————————, Id. Num.————————————————-, Score $\overline{15}$

QUESTION 1. *A committee to be formed randomly from 3 boys and 2 girls. In how many ways such committee can be formed if 7 boys and 4 girls are available?*

Pins # to be formed so that each pin number will have 5 digits and in each pin number the second digit and the fourth digit are the same. If each digit is a number between 0 and 7, how many Pins # are there?

A lock combination consists of 4 wheels. If you know that the third digit and the fourth digit are not the same, and each digit is a number from 0 to 9. Find the Probability that you guess the right combination.

A basket contains 4 red balls and 7 blue blues. Five balls are selected randomly. Find the Probability that at least one ball is Blue.

A committee of 3 girls to be formed randomly out of 6 available girls (assume all 6 girls have different names and one of the girl is MARRY). What is the probability that Marry will not be in the committee?

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