

**MATH 113: DISCRETE STRUCTURES
HOMEWORK FOR MONDAY WEEK 10**

Problem 1. Ten fair six-sided dice are rolled. Five of the dice are red and five are green. What is the probability that there are the same number of sixes among the red dice as among the green dice?

Problem 2. Five cards are dealt from a standard deck of 52 cards. What is the probability that two or more of the cards are aces?