

MA381 Introduction to Probability, HW 2

Instructions: This homework will be collected at the beginning of class Monday, Dec. 7. Problems are to be done in order neatly. The pages are to be stapled together. Hw's not meeting these requirements will not be graded. Late hw's are not accepted.

Grading: Selected problems will be graded in depth; remaining problems will be awarded completion credit.

0: Be sure to read chapter 2, sections 2.1-2.4

1: Do problem 3, pages 45-46.

2: Do problem 12, pages 45-46.

3: Do problem 26, pages 45-46.

4: Do problem 5, pages 51-52.

5: Do problem 11, pages 51-52.

6: Do problem 21, pages 51-52.

7: Do problem 10, pages 64-68.

8: Do problem 20, pages 64-68. Do *Straight Flush* and *Three of a Kind* **ONLY**.

9: Do problem 34, pages 64-68. Do parts a and b **ONLY**.

10: Do problem 39, pages 64-68. Hint: $(1 - 1)^n = 0$.