

Homework #1

Due September 5, 2014

1. Consider the same poker hand setup as we used in class: a 5 card draw from a single deck. What is the probability of:
 - a) getting a royal flush (recall that a royal flush is 10,J,Q,K,A all of the same suit)?
 - b) getting 4 of a kind?
 - c) getting a full house (recall a full house is 3 of a kind and 2 of a kind)?
2. Reif 1.2, p40.
3. Reif 1.6, p40.
4. Reif 1.9, p41.
5. Reif 1.10, p42
6. Reif 1.12, p42