Your name: ________________________________

Recall that a deck of cards contains 52 cards. There are four suits (clubs, diamonds, hearts, and spades) and thirteen cards in each suit (2,3,4,5,6,7,8,9,10, Jack, Queen, King, Ace). See the attached table for information on the different hands. We will verify the rankings of the different poker hands by computing their probabilities.

Compute the probability of drawing each of the following poker hands. (You will probably want to use a separate page for your work and just record your answers here.)

(1) Royal Flush

(2) Straight Flush

(3) Four of a Kind

(4) Full House

(5) Flush

(6) Straight

(7) Three of a Kind

(8) Two Pair

(9) Pair