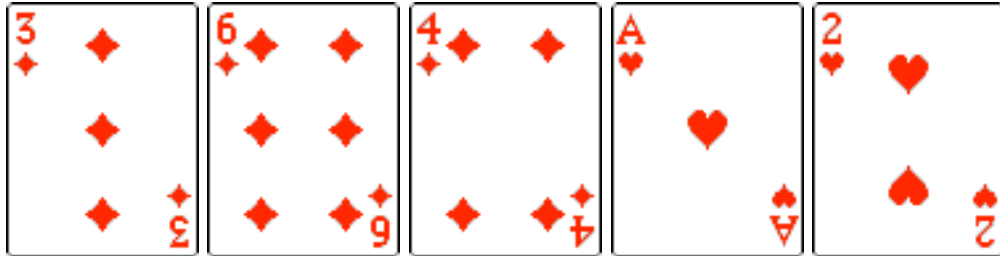


## HOMWORK ASSIGNMENT # 10

ASSIGNED: JANUARY 28, 2010 DUE: FEBRUARY 11, 2010

The following problem was taken from the Wizard of Odds website. There the authors develop a strategy for optimal play of the Jacks or Better video poker.

(1) The following is a hand in Jacks or better poker:



Explain why you should keep the three diamond cards rather than the Ace of hearts by calculating the expected value for keeping those two sets of cards.