Name:	Statistics
Date:	Practice Quiz 3-D
1. In a casino game, a player pays \$2 and draws two cacards are aces, the player wins \$50. a) Calculate the players' expected value. Add the expected value of hearts and the expected value of aces, and subtract the cost to play.	rds. If both cards are hearts, the player wins \$5. If both
b) Change the prize value for the aces so that the player will expect to onew expected value. Increasing the prize value increases the expected value overall, and vice versa.	gain approximately, but not more than, 75¢ per game, and calculate the
2. Violet pays Laurel \$1 and flips a coin. If she wins the a) How much does Violet expect to gain on average for each coin flip? What is the expected value?	coin flip, Laurel will pay her \$3.
b) How much does Laurel expect to gain on average for each coin flip? Marshall gains what Danica loses.	
3. Explain the difference between .75¢ and 75¢. 75 is much bigger than .75.	