

Quiz 2

Name:

1. Suppose you throw two 3-sided die.
 - a. Let X denote the random variable of the sum of the two sides. Write out the pmf of X
 - b. Calculate the expectation of X .
 - c. Calculate the variance of X
 - d. Suppose we have the following 5 outcomes from throwing two 3-sided dice: 4, 2, 5, 5, and 3. Calculate the sample mean.
 - e. Calculate the sample variance from the data above.