Math 131 (Term 153) - Quiz 5

Student Name_____ **Student ID:** _____

Exercise 1

Two dices, one red and on blue, are rolled and the two numbers on the top are recorded. Let
E={Number on Red die is odd} and F={Sum of the two recorded numbers = 11}. Are E and F independent?

Exercise 2

In an article comparing mathematics examinations in some countries, a researcher found the results, shown in the below table, for the number of minutes allowed for each open-ended question.

France	10
Germany	15
Netherlands	11
Portugal	12
Scotland	5
US	6

How many data values are within two standard deviations of the mean?