

Name:

PIN:

MATH 1342

Quiz 4.1

For each of the following cases, classify the random variable as being either Discrete or Continuous by circling the appropriate word, and give then a brief description of the values that the random variable may assume.

- (1) Let X be the time between distinct storms that produce measurable amounts of rain at the DFW airport.

Discrete

Continuous

- (2) Let X be the amount of time, measured to the nearest day, since the last rain event at the DFW airport (greater than or equal to one day).

Discrete

Continuous

- (3) Let X be the number of "Kings" dealt to someone playing a hand of the card game Bridge. (If you are unfamiliar with Bridge, you can look up "card game bridge" on the Internet.)

Discrete

Continuous