

Name _____

Finite Mathematics (Math 10120), Spring 2020

Quiz 4 Wednesday, March 25, 2020

1. The 20 students in Dr. Doctor's class received the following scores on a recent quiz:
8, 10, 3, 10, 6, 9, 4, 9, 10, 6, 8, 10, 1, 7, 9, 9, 5, 8, 2, 10.
Complete the frequency and relative frequency distributions below:

Score	Frequency	Relative Frequency
0		
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

2. Find the mean, the variance and the **population** standard deviation of the data given by the following frequency distribution. I want you go show your work, so punching these numbers into a calculator that produces this information won't get credit.

Score	Frequency
x_i	f_i
80	2
70	2
60	5
50	1

mean $\mu =$

variance $\sigma^2 =$

standard dev $\sigma =$