Quiz 2

Name_____

Q1. Using the ***audpc*** function in Disease Progress over Time session, calculate the AUDPC for the following disease severity vector and time period vector

disease.severity <- c(1, 2, 5, 9, 10, 9, 8, 5)
time.period <- c(0, 1, 2, 3, 4, 5, 7, 10)

result: _____

Q2: Disease severity was observed in two successive season A and B, using the ***audpc*** function in Disease Progress over Time session to calculate AUDPC for the two seasons and compare which season has less disease severity

daysAfterInoculation <- c(0,10,20,30,40,50,60,70,80,90,100)
severityA <- c(0,1,5,7,13,20,50,70, 75, 90, 100)
severityB <- c(0,0,10,20,25,35,40,55,80,90,100)

result:_____

Q3. Describe one mechanism that mediates short distance dispersal of fungi and one that mediates long distance dispersal of fungi.