CODE:

x<-c(5,10,15,20,25,30)

y<-c(-1,NA,75,3,5,8)

z<-c(5)

broccoli=c(x\*z)

carrots=c(y\*z)

print(broccoli)

print(carrots)

y<-ifelse(test = is.na(y)==T, yes = (2.5), no = y)

print(y)

Assignment\_1<-read.csv("https://raw.githubusercontent.com/mattdemography/EDU\_7043/master/Data/Assignment\_1.csv")

Assignment\_1[1:10,1]

mean(Assignment\_1[1:51,3])

median(Assignment\_1[1:51,3])

copydata=Assignment\_1

subcopydata=subset(copydata,State== "CT" | State== "MA" | State== "ME" | State== "NH" | State== "RI" |State== "VT")

mean(subcopydata[1:6,3])

copydata<-ifelse(test=is.na(copydata$Vcrime)==T, yes= 555, no=copydata$Vcrime)

mean(copydata)

RESULTS:

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| > x<-c(5,10,15,20,25,30)  > y<-c(-1,NA,75,3,5,8)  > z<-c(5)  > broccoli=c(x\*z)  > carrots=c(y\*z)  > print(broccoli)  [1] 25 50 75 100 125 150  > print(carrots)  [1] -5 NA 375 15 25 40  > y<-ifelse(test = is.na(y)==T, yes = (2.5), no = y)  > print(y)  [1] -1.0 2.5 75.0 3.0 5.0 8.0  > Assignment\_1<-read.csv("https://raw.githubusercontent.com/mattdemography/EDU\_7043/master/Data/Assignment\_1.csv")  > Assignment\_1[1:10,1]  [1] AK AL AR AZ CA CO CT DE FL GA  51 Levels: AK AL AR AZ CA CO CT DC DE FL GA HI IA ID IL IN KS KY LA MA MD ME MI MN MO MS MT NC ND NE NH NJ NM NV ... WY  > mean(Assignment\_1[1:51,3])  [1] 8.727451  > median(Assignment\_1[1:51,3])  [1] 6.8  > copydata=Assignment\_1  > subcopydata=subset(copydata,State== "CT" | State== "MA" | State== "ME" | State== "NH" | State== "RI" |State== "VT")  > mean(subcopydata[1:6,3])  [1] 3.55  > copydata<-ifelse(test=is.na(copydata$Vcrime)==T, yes= 555, no=copydata$Vcrime)  > mean(copydata)  [1] 25.21569 |
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