1. *help*(matrix)

**2.**

b<-*c*(5,'NA',9)  
*is.na*(b)

FALSE FALSE FALSE toate sunt caractere

**3.**

*seq*(5, 13, by = 2)

5 7 9 11 13

**4.**

*rep*(2:4, each=2, times=3)

2 2 3 3 4 4 2 2 3 3 4 4 2 2 3 3 4 4

**5.**

*rev*(*c*(7,5,6,32,19,8))

8 19 32 6 5 7

**6.**

*duplicated*(*c*(5, 1, 4, 1, 8, 13, 4, 9, 8))

FALSE FALSE FALSE TRUE FALSE FALSE TRUE FALSE TRUE

**7.**

Matricel<-*matrix*(*c*(TRUE, FALSE),nrow=4, ncol=4)  
Matricel

TRUE TRUE TRUE TRUE

FALSE FALSE FALSE FALSE

TRUE TRUE TRUE TRUE

FALSE FALSE FALSE FALSE

**8.**

X<-*matrix*(*c*(2:5, 9, 5:7),nrow=4)  
*apply*(X, MARGIN=2, FUN=mean)

**Margin=2 se aplica pentru coloane margin=1 se aplica pentru fiecare rand**

3.50 6.75

**9.**

A=*data.frame*(Weight=*c*(83,76,60,58),Height=*c*(183,176,165,170),sexe=*c*("M","M","W","W"))  
agg\_data <- *aggregate*(. ~ sexe, data = A, FUN = mean)

**M 79.5000 179.500W 59.0000 167.500**