# Question 1

(1/1 point)

The vectors x, y, and z are constructed as follows:

```
x<-1:3
y<-seq(4,8)
z<-rep(9:10,1)
```

How many elements do vector xyz have if it is constructed as follows:

```
xyz<-c(x,y,z)
```

- 3
- 8

- [x] 10 ✔
- [ ] 15

**EXPLANATION**

*You have used 1 of 2 submissions*

# Question 2

(1/1 point)

You would like to construct a 3 by 3 matrix of numbers between 1 to 9. The first row should have the value 1 to 3, the second row should have the value 4 to 6 and the third row should have the value 7 to 9.

Which command should you run?

- [ ] matrix(1:9, ncol=3)
- [ ] matrix(1:9, nrow=3)

- matrix(1:9, ncol=3, ncol=3)
- matrix(1:9, ncol=3, byrow=TRUE) ✔

**EXPLANATION**

*You have used 1 of 2 submissions*

# Question 3

(1/1 point)

The vector x is defined as follows:

```
x<-1:10
```

Which command will select the elements which are odd numbers from vector x?

- x[1,3,5,7,9]
- x[1:9]

- [x] x[2*(1:5)-1] ✔
- [ ] x[rep(c(FALSE,TRUE),5)]

**EXPLANATION**

*You have used 1 of 2 submissions*

# Question 4

(1/1 point)

The matrix x is defined as follows:

```
x<-matrix(-4:5,nrow=2)
```

Which command will select the element that has 0 value?

- [ ] x[2,2]

- (●) x[1,3] ✔
- ( ) x[3,1]
- ( ) x[2,3]

**EXPLANATION**

*You have used 1 of 2 submissions*

# Question 5

(1/1 point)

The matrix x is defined as follows:

```
x<-matrix(-4:5,nrow=2)
```

Which command will select the third and fourth columns of the matrix?

- ( ) x[3,4]

- (●) x[,3:4] ✔
- ( ) x[3:4,]
- ( ) x[3:4]

**EXPLANATION**

*You have used 2 of 2 submissions*






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