

```
sum(x)/length(x)
```

```
## [1] 5.8
```

```
#?mean  
#Function in base R  
mean(x)
```

```
## [1] 5.8
```

Median : the middle number given the numbers are in order (sorted)

```
sort(x)
```

```
## [1] 1 2 2 2 7 8 8 9 9 10
```

```
#?median  
median(x)
```

```
## [1] 7.5
```

Mode : The number which appears most often in a set of numbers

```
#There is no function in base R to find mode of set of numbers  
x <- c(8,2,7,1,2,9,8,2,10,9)  
  
#Function to find Mode  
x
```

```
## [1] 8 2 7 1 2 9 8 2 10 9
```

```
#?table  
y <- table(x)  
y
```

```
## x  
## 1 2 7 8 9 10  
## 1 3 1 2 2 1
```

```
names(y)[which(y==max(y))]
```

```
## [1] "2"
```

```
#or in single line  
names(table(x))[table(x)==max(table(x))]
```

```
## [1] "2"
```

