1a)

```r
x <- c(10.3, 3, -4, 17, -4.4, -1, -0.4, 6.1, 8, 100)
y <- c(3, 2, 1.3, -3, 22, 5, -9.2, 10, 23, -3.3)
```

1b)

```r
mean(x)
```

```
## [1] 13.46
```

```r
mean(y)
```

```
## [1] 5.08
```

1c)

```r
xd <- x - mean(x)
yd <- y - mean(y)
```