

# Listas

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## Listas

```
x = c(1,5,-2,6,-7,8,-3,4,-9)
L = list(nombre="temperaturas", datos=x, media=mean(x), sumas=cumsum(x))
L
```

```
## $nombre
## [1] "temperaturas"
##
## $datos
## [1]  1  5 -2  6 -7  8 -3  4 -9
##
## $media
## [1] 0.3333333
##
## $sumas
## [1]  1  6  4 10  3 11  8 12  3
```

```
L$sumas
```

```
## [1]  1  6  4 10  3 11  8 12  3
```

```
L[[3]]
```

```
## [1] 0.3333333
```

```
3*L[[2]]
```

```
## [1]  3 15 -6 18 -21 24 -9 12 -27
```

```
str(L)
```

```
## List of 4
## $ nombre: chr "temperaturas"
## $ datos : num [1:9] 1 5 -2 6 -7 8 -3 4 -9
## $ media : num 0.333
## $ sumas : num [1:9] 1 6 4 10 3 11 8 12 3
```

```
names(L)
```

```
## [1] "nombre" "datos" "media" "sumas"
```