

Graficos

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Graficos con la funcion plot

```
x = c(2,6,4,9,-1)
y = c(1,8,4,-2,4)
plot(x,y)
```

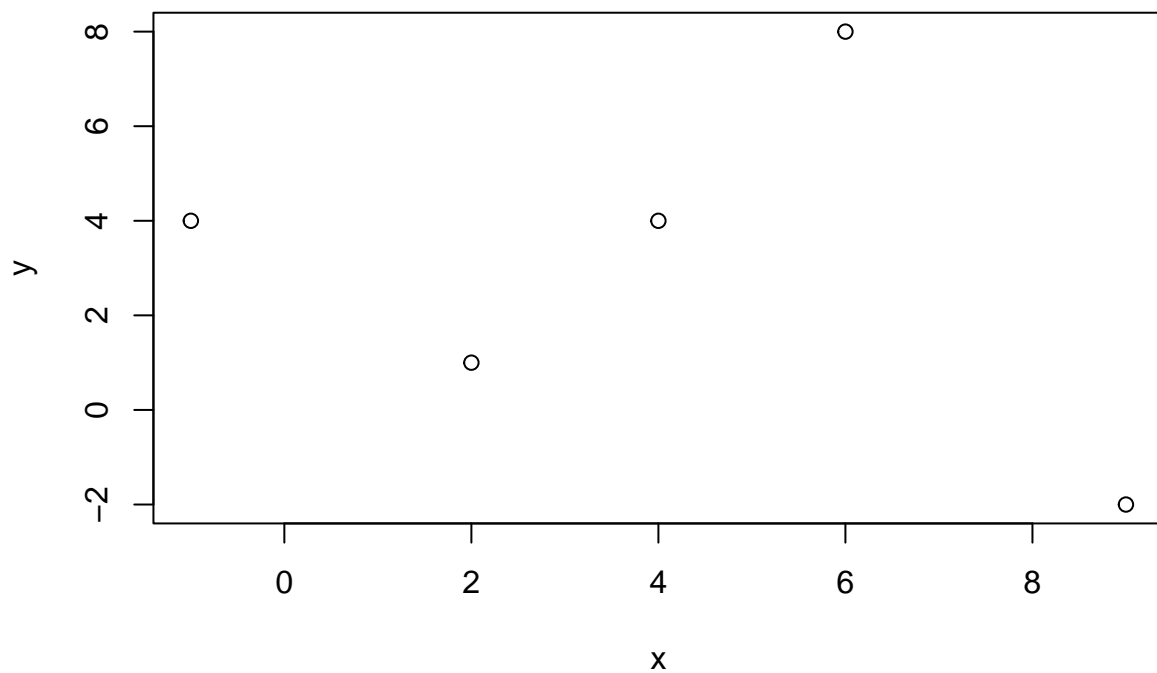
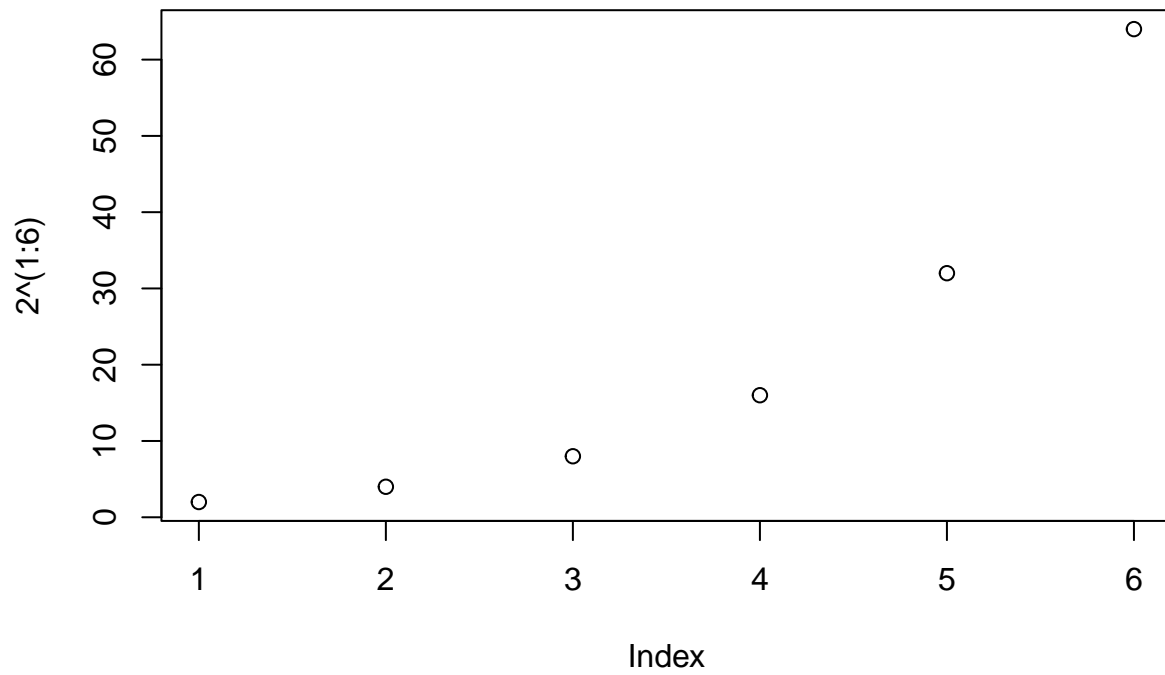


Figure 1: Gráfico básico explicando uso del plot

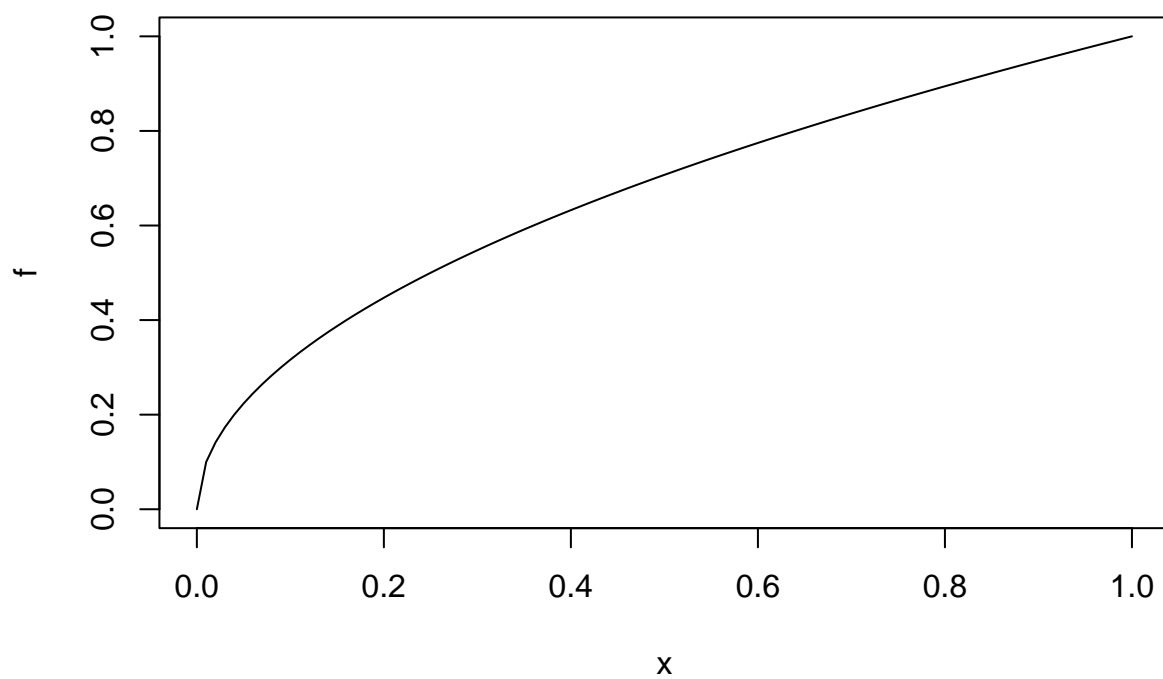
Si no incorporamos vector y, R nos va a tomar el parametro x como si fuese el vector de datos y

```
plot(2^(1:6))
```



Si queremos representar una función $f(x)$

```
f = function(x){sqrt(x)}  
plot(f)
```



Parametros

```
n = 1:20
fibo = (1/sqrt(5))*((1+sqrt(5))/2)^n - (1/sqrt(5))*((1-sqrt(5))/2)^n
fibo
```

```
## [1] 1 1 2 3 5 8 13 21 34 55 89 144 233 377 610
## [16] 987 1597 2584 4181 6765
```