

#5

Calling a Function

square(4)

power(2, 3)

power(n=2, x=3)

power(x=2, n=3)

#1

Block BoxInputs → Function → Outputs

#2

Functions you've used

xs ← rnorm(5)

mean(xs)

sample(xs, 10, rep=T)

#4

Examples

```
power ← function(x, n) {
  x^n
}
```

```
square ← function(x) {
  power(x, 2)
}
```

Writing your first  
custom R function

#3

Anatomy of a Function

```

name → funcname ← function (arg1, arg2 = default) {
  body
  :
  body
  last-value
}
                                     ↑
                                     inputs
                                     ↑
                                     outputs
                                     ↑
                                     braces
                                     delimit

```