

Vectors and Functions and For Loops, Oh my!



How R Does Math

- Need * between ALL multiplication
- Write fractions like this:
 - (2 / 3)
- π written as pi
- Exponents written as ^

Structure of a Function

Give it a name....
So you can call it!

Can be anything as long as it matches
The input the function will receive

Name = function(x) {stuff you're doing pertaining to x}

Open and close
"doing" with curly
brackets

A function
Will always be "function"

Must match what's
in parentheses

What Makes a Vector

Give it a name....

To make it an object...

So you can call it!

Elements in
the vector

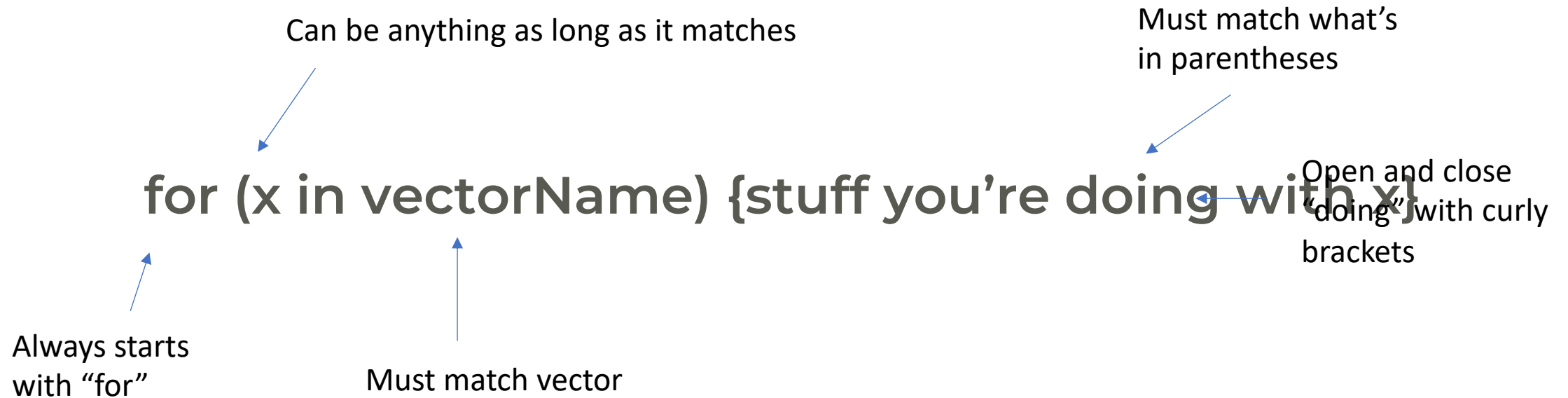
Elements must be enclosed
by parentheses

VectorName = c(1, 2, 3, 4, 5)

All elements separated
by a comma!

Not a vector unless
you have a c!

Structure of a For Loop



Printin' Pretty

- `print()`
- `cat()`
- Add text in quotes
- `\n` adds new lines

Help out the Lollipop Guild!

- Convert their lollipops' radius to circumference!
- Equation is $2 \pi r$

