

RWorksheet_guion#1.Rmd

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1.

```
age <-c(34, 28, 22, 36, 27, 18, 52, 39, 42, 29, 35, 31,  
27, 22, 37, 34, 19, 20, 57, 49, 50, 37, 46, 25,  
17, 37, 42, 53, 41, 51, 35, 24, 33, 41)
```

a. How many data points?

```
length(age)
```

```
## [1] 34
```

b. Write the R code and its output. `age <-c(34, 28, 22, 36, 27, 18, 52, 39, 42, 29, 35, 31, 27, 22, 37, 34, 19, 20, 57, 49, 50, 37, 46, 25, 17, 37, 42, 53, 41, 51, 35, 24, 33, 41)`

2. Reciprocal

```
reciprocal <- 1/age  
print(reciprocal)
```

```
## [1] 0.02941176 0.03571429 0.04545455 0.02777778 0.03703704 0.05555556  
## [7] 0.01923077 0.02564103 0.02380952 0.03448276 0.02857143 0.03225806  
## [13] 0.03703704 0.04545455 0.02702703 0.02941176 0.05263158 0.05000000  
## [19] 0.01754386 0.02040816 0.02000000 0.02702703 0.02173913 0.04000000  
## [25] 0.05882353 0.02702703 0.02380952 0.01886792 0.02439024 0.01960784  
## [31] 0.02857143 0.04166667 0.03030303 0.02439024
```

```
[1] 0.02941176 0.03571429 0.04545455 0.02777778 0.03703704 0.05555556##  
[7] 0.01923077 0.02564103 0.02380952 0.03448276 0.02857143 0.03225806## [13] 0.03703704 0.04545455  
0.02702703 0.02941176 0.05263158 0.05000000## [19] 0.01754386 0.02040816 0.02000000 0.02702703  
0.02173913 0.04000000## [25] 0.05882353 0.02702703 0.02380952 0.01886792 0.02439024 0.01960784## [31]  
0.02857143 0.04166667 0.03030303 0.02439024
```