# 1.0

R version 3.1.2 (2014-10-31) -- "Pumpkin Helmet"

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Platform: x86\_64-w64-mingw32/x64 (64-bit)

# 1.1

> 2015^(1/3)

[1] 12.63063

# 1.2

> abs((.7-6.8)/.58)

[1] 10.51724

# 1.3

> a <- 1:12

> a #using RStudio the <- symbol make fo cleaner code

[1] 1 2 3 4 5 6 7 8 9 10 11 12

# 1.4

> b <- c(1,3,5,7,9,11)

> b

[1] 1 3 5 7 9 11

# 1.5

> c <- seq(1,11,2)

> c

[1] 1 3 5 7 9 11

# 1.6

> ln.a <- log(a)

> ln.a

[1] 0.0000000 0.6931472 1.0986123 1.3862944 1.6094379 1.7917595

[7] 1.9459101 2.0794415 2.1972246 2.3025851 2.3978953 2.4849066

# 1.7

> d <- sqrt(b)

> d

[1] 1.000000 1.732051 2.236068 2.645751 3.000000 3.316625

# 1.8

> ?sd

This function computes the standard deviation of the values in x. If na.rm is TRUE then missing values are removed before computation proceeds.

# 1.9

> Name <- "Susan"

> paste("My name is", Name)

[1] "My name is Susan"