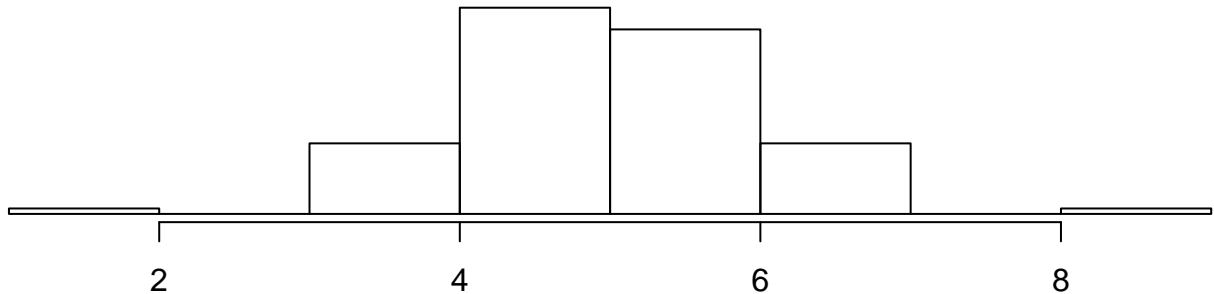**Histogram of sample(rnorm(n = 1000, mean = 5, sd = 1), size = 100, replace = F)**

Frequency

sample(rnorm(n = 1000, mean = 5, sd = 1), size = 100, replace = F)