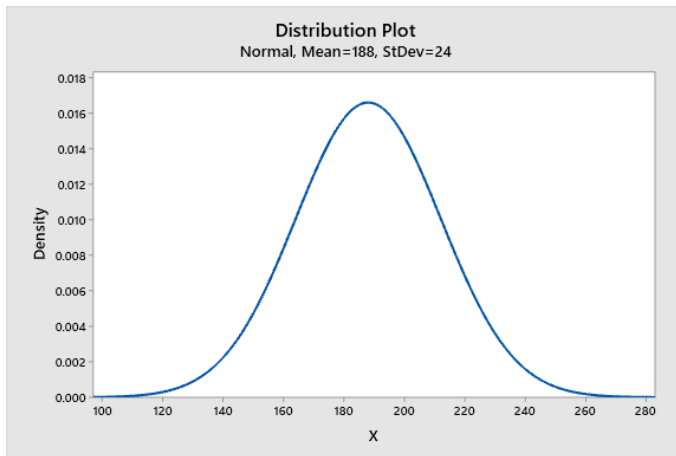Aaron Snyderburn

Professor Adams

STA 147

Lab 8

1. Finding an area, given a value of the variable.
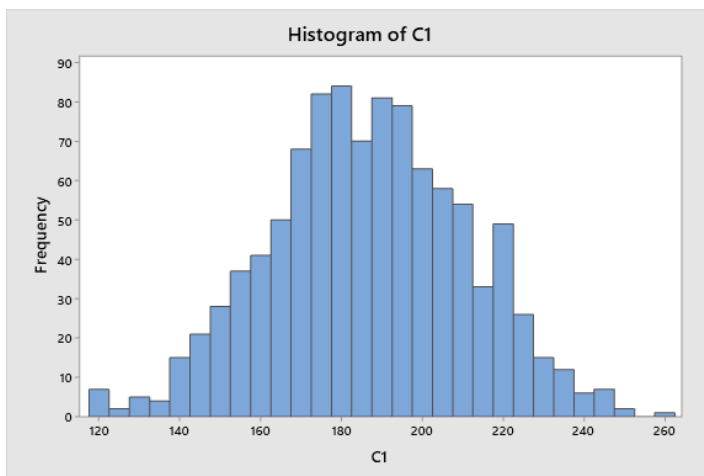

Distribution Plot
Normal, Mean=188, StDev=24

2. Option 1.

Normal with mean = 188 and standard deviation = 24

x   P(X ≤ x)

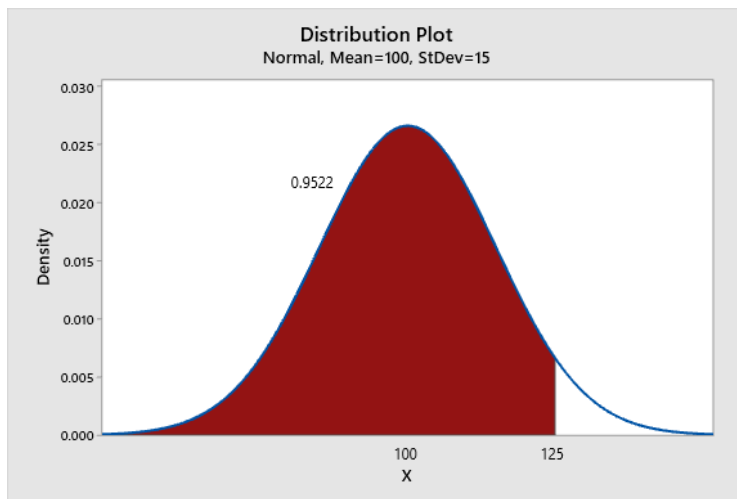200   0.691462

3.

Histogram of C1

4.
   a.   Find the probability.

Normal with mean = 100 and standard deviation = 15

x   P(X ≤ x)

   125   0.952210 .   The probability is 0.95221

   b.

Distribution Plot
Normal, Mean=100, StDev=15

0.9522

5.