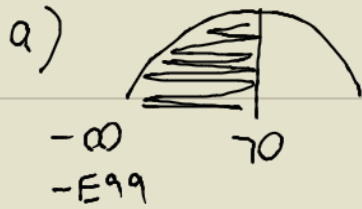


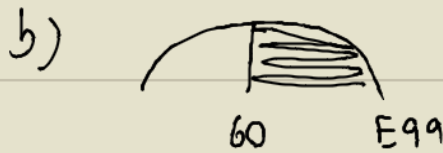
12. $\mu = 65, \sigma = 5$

$$\begin{aligned}
 -E99 &= -1E99 \\
 &= -1 \times 10^{99} \\
 &= -\underbrace{10000 \dots 0000}_{99 \text{ OF ZEROES}}
 \end{aligned}$$



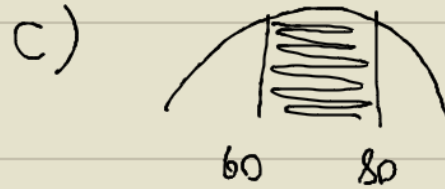
NORMALCDF(-E99, 70, 65, 5)

.8413



NCDF(60, E99, 65, 5)

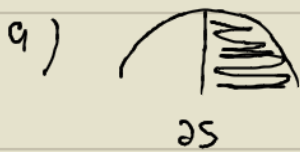
.8413



NCDF(60, 80, 65, 5)

.8400

13. $\mu = 20, \sigma = 5$



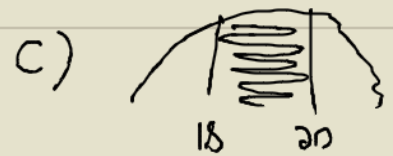
NCDF(25, E99, 20, 5)

.1587



NCDF(-E99, 16, 20, 5)

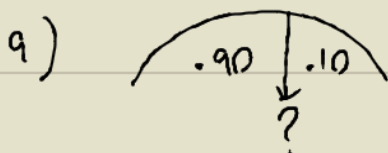
.2119



NCDF(18, 20, 20, 5)

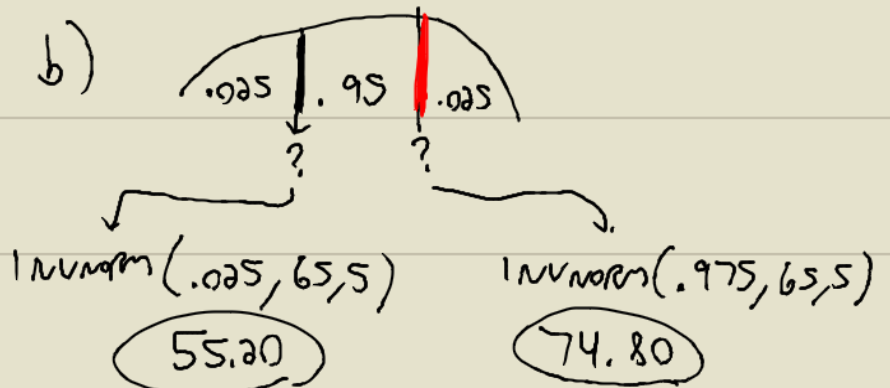
.1584

14. $\mu = 65, \sigma = 5$



INVNORM(.90, 65, 5)

71.41



INVNORM(.025, 65, 5)

55.20

INVNORM(.975, 65, 5)

74.80