1. Given a normally distributed population with a mean of 115 and standard deviation of 13 , calculate the percent below a score of 130 .

2. $\mu=82, \sigma=5.6$. What percentage of the population scored below a 71 ?

3. $\mu=93, \sigma=8$. What percentage of the population scored between an 85 and 100 ?


$$
\begin{aligned}
& z_{85}=\frac{85-93}{8}=-1.6 \\
& Z_{100}=\frac{100-93}{8}=.88
\end{aligned}
$$

$$
\begin{aligned}
& 34.13 \\
& +\frac{31.06}{65.19 \%}
\end{aligned}
$$

