z distribution practice

1. Given a population with a mean of 115 and standard deviation of 13, calculate the percentile rank of a score of 130.

2. µ = 82, σ = 5.6. What percentage of the population scored below a 71?

3. µ = 93, σ = 8. What percentage of the population scored between an 85 and 100?

4. µ = 56, σ = 2.3. What percent of the population scores between a 58 and a 61?