Attendance Quiz 18

Name: _____ Date: _____

1. Assume that adults have IQ scores that are ***normally distributed*** with **a mean 100** and **a standard deviation of 15** (as on the Weschler test). (Hint: Draw a graph in each case.)

(a) Find the probability that a randomly selected adult has an IQ greater than 131.5.

(b) Find the probability that a randomly selected adult has an IQ between 90 and 110.

(c) Find P_{80}, which is the IQ score separating the bottom 80% from the top 20%.

(d) Find the IQ score separating the top 55% from the others.