1. Given a normal distribution with mean 127 and standard deviation 110, use the `pnorm` function to calculate the probability of obtaining values between 162 and -1 from this distribution.

2. Suppose we sample from a population with a normal distribution and mean 105 and standard deviation 16. Sample size is 90.

   What is the standard error going to be when sample size is 90, and what would it be when 8100?

   (a) 1.687,0.178
   (b) 3.5427,2.314
   (c) 0.8435, 0.178
   (d) 1.687, 0.089
   (e) 0.8435, 0.356