

Stat 2153 - Statistical Methods

Quiz #7 - 2008.04.01

Name: _____

1. Assuming that event x comes from a normally distributed set of data, find the probability that event x will occur if we know that its z-scores lie between -1.23 and 0.67 .

2. As discussed in class and in section 6.3, the weights of adult men are distributed normally with mean 172 pounds and deviation 29 pounds. What is the probability that a randomly selected man will have a weight between 136.33 and 191.43 pounds?