Math 13 Chapter 8 Overview

1) The claim is that the mean is at most 12. Write down the Claim, $H_{\mbox{\tiny 1}}$ and $H_{\mbox{\tiny 0}}$
2) The claim is that the mean is over 12. Write down the Claim, $H_{\mbox{\tiny 1}}$ and $H_{\mbox{\tiny 0}}$
3) The claim is that the proportion is 0.82. Write down the Claim, H_1 and H_0
4) The claim is that the mean is 33. A sample of 87 people found the mean to be 31.7 with $s=1.2$. Find the value of the critical values and the test statistic.
5) Out of 90 people chosen at random, 8 had served on a jury. Test the claim that less than 10% of people have served on a jury.

