Suppose that a company claims that their mean weekly sales are $17,350. A random sample of 35 weeks yields a sample mean of = $10,450, with a sample standard deviation of s = $1,500.

Given that a pair of hypotheses that correspond to the claim are:

H0: μ = 17,350

H1: μ ± 17,350

Find the critical values for the hypothesis test. Assume that the significance level is a = 0.08.