In a company there are nock employees. How many L-Tehirts and XI. Tehirts are needed if the sample data given is 500 and sample mean for x Lisoo and sample mean for L & 200?

1 mily den - 195

1 - Tall - Th

73.14 . ade -

Given:

Since we assume the population std. we go for . z-test.

7:test

$$Z_{\alpha/2} = Z_{0.05} = Z_{0.025}$$

$$300 - 1.96 \left(\frac{1000}{\sqrt{500}}\right)$$

into I al I A Tall more

300 - 1096 (44072)

Higher Fence:

population mean (M) for XL lie between 212 and 388

112

288

200

Fence (For L): Lower

Higher Fence:

The population mean (M) for L lie between [112 and 288]