

Chapter 6

1. Why do we often use a sample?

It is very difficult and expensive to measure each item in a population.

2. What does the central limit theorem say?

If n is large, the central limit theorem says that the distribution of Z approaches the standard normal distribution.

3. What is the acceptance interval?

An interval in which a sample mean has a high probability of occurring.

4. What is the sample proportion?

The proportion of the population members that have a characteristic of interest.