1. What is the difference between descriptive and influential statistics?
2. Enter the appropriate symbol in the following table.

|  |  |  |
| --- | --- | --- |
|  | Sample | Population |
| Mean |  |  |
| Standard Deviation |  |  |

1. If you want to know the length of beard of students in Australia and you know that the population mean is 3.3 millimeter and population standard deviation is 0.5 millimeter. What would be mean millimeters of the sampling distribution of the sample mean?
2. What is central limit theorem?

Chart, histogram

Description automatically generated

You know that the sample size is larger than 30.

1. This could be a population distribution or data distribution.
2. This is a sampling distribution.
3. This could be a population distribution, a data distribution, or a sample distribution.
4. This is a population distribution.
5. What conclusion can we draw if a data distribution is completely different from the corresponding population distribution provided the sample is large)?