

Name: _____

Solutions

Twenty English majors from CSI are randomly selected to be on a committee to evaluate changes to the statistics requirement for the major. There are 134 English majors at CSI. The current rules say that a statistics course is one of several courses that satisfies the pathways quantitative reasoning requirement. The proposed change would make the statistics course compulsory. Each of the committee member is asked to vote yes or no on the new requirement.

- (1) Describe the population for this setting.
- (2) What is the sample?
- (3) Describe the statistic and how it would be calculated.
- (4) What is the population parameter?

1) all English majors at CSI. (134 students)

2) the twenty chosen to be on the committee.

3). statistic: proportion of "yes"s in the sample

4) population parameter: proportion of "yes"s in the population of all English majors.