EXAMPLES

Determine the variable, population, parameter, sample, and statistic for each scenario.
A Georgia Highlands College instructor is interested in the mean number of days GHC math students are absent from class during a semester. To answer this question, the instructor monitors attendance in all of her math classes at GHC during a semester.

■ What is the population she is interested in?
  - A. All Georgia Highlands College students
  - B. All Georgia Highlands College English students
  - C. All Georgia Highlands College students in her math classes
  - D. All Georgia Highlands College math students
A Georgia Highlands College instructor is interested in the mean number of days GHC math students are absent from class during a semester. To answer this question, the instructor monitors attendance in all of her math classes at GHC during a semester.

What is the sample she uses?
- A. All Georgia Highlands College students
- B. 100 randomly selected Georgia Highlands College students
- C. The Georgia Highlands College students enrolled in her math classes
- D. All Georgia Highlands College math students
A Georgia Highlands College instructor is interested in the mean number of days GHC math students are absent from class during a semester. To answer this question, the instructor monitors attendance in all of her math classes at GHC during a semester.

What is the variable for this research study?

- **A.** The number of days a GHC math student is present during a semester
- **B.** The mean number of days a GHC math student is absent during a semester
- **C.** The number of days a GHC math student is absent during a semester
- **D.** The number of students in her GHC math classes during a semester
A Georgia Highlands College instructor is interested in the mean number of days GHC math students are absent from class during a semester. To answer this question, the instructor monitors attendance in all of her math classes at GHC during a semester.

What is the parameter of the research study?

- A. The mean number of days all GHC math students are absent from class during a semester
- B. The mean number of days GHC math students are absent from her classes during a semester
- C. The mean number of days all GHC math students are present for class during a semester
- D. The mean number of GHC students enrolled in her math classes during a semester
A Georgia Highlands College instructor is interested in the mean number of days GHC math students are absent from class during a semester. To answer this question, the instructor monitors attendance in all of her math classes at GHC during a semester.

What is the statistic of the research study?

- A. The mean number of days all GHC math students are absent from class during a semester.
- B. The mean number of GHC students enrolled in her math classes during a semester.
- C. The mean number of days GHC math students are present in her classes during a semester.
- D. The mean number of days GHC math students are absent from her classes during a semester.