

"A graph in which the classes are marked on the horizontal axis and the class frequencies on the vertical axis. The class frequencies are represented by the heights of the bars, and the bars are drawn adjacent to each other". What is this a definition of?

Answer:

histogram

- 11 If there are 468.0 observations in a data set, how many classes should you use for the histogram?

Answer:

9

- 12 What is the measurement level for a student-evaluation questionnaire where you rate your satisfaction on a scale from 1 (very dissatisfied) to 5 (very satisfied)?

Choose one answer.

- ☐ a. categorical
☒ b. ordinal
☐ c. interval
☐ d. ratio

- 13 Using the cumulative frequency curve displayed here, what is the third quartile value for the occupancy rate of this hotel? (Write your answer to the nearest whole number of percent.) You may have to make the window bigger to see the whole graph.