

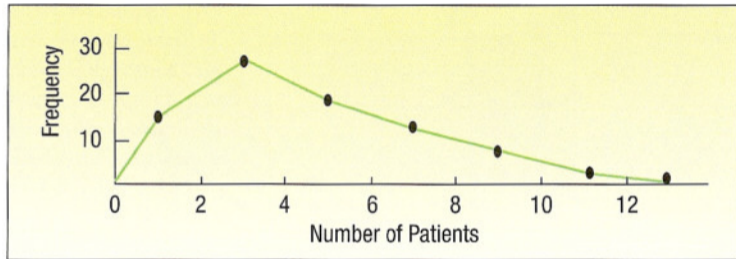
6. A small business consultant is investigating the performance of several companies. The fourth quarter sales for last year (in thousands of dollars) for the selected companies were:

Corporation	Fourth-Quarter Sales (\$ thousands)
Hoden Building Products	\$ 1,645.2
J & R Printing, Inc.	4,757.0
Long Bay Concrete Construction	8,913.0
Mancell Electric and Plumbing	627.1
Maxwell Heating and Air Conditioning	24,612.0
Mizelle Roofing & Sheet Metals	191.9

The consultant wants to include a chart in his report comparing the sales of the six companies. Use a bar chart to compare the fourth-quarter sales of these corporations and write a brief report summarizing the bar chart.

8. A set of data consists of 45 observations between \$0 and \$29. What size would you recommend for the class interval?
9. A set of data consists of 230 observations between \$235 and \$567. What class interval would you recommend?
10. A set of data contains 53 observations. The lowest value is 42 and the largest is 129. The data are to be organized into a frequency distribution.
 - a. How many classes would you suggest?
 - b. What would you suggest as the lower limit of the first class?

- g. On how many days were 25 or more packages shipped?
16. The following chart shows the number of patients admitted daily to Memorial Hospital through the emergency room.



- What is the midpoint of the 2 up to 4 class?
- How many days were 2 up to 4 patients admitted?
- Approximately how many days were studied?
- What is the class interval?
- What is this chart called?