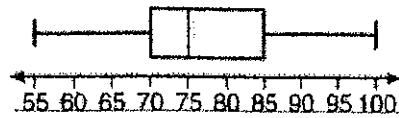
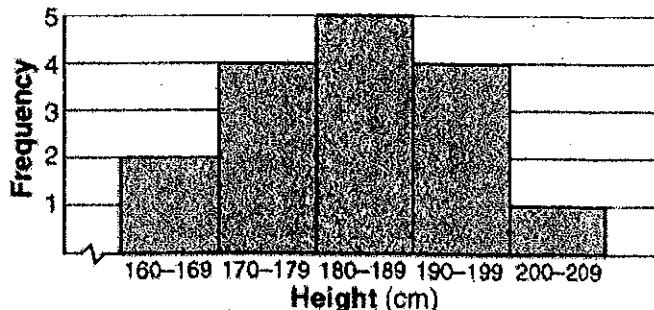


Box-and-Whisker Plot and Histogram Review

The accompanying box-and-whisker plot represents the scores earned on a science test.



- 1) According to the diagram shown, what is the median score?
A) 75 B) 70 C) 85 D) 77
- 2) According to the diagram shown, what score represents the first quartile?
A) 55 B) 70 C) 100 D) 75
- 3) What statement is not true about the box and whisker plot shown?
A) 75 represents the mean score C) 85 represents the 3rd quartile
B) 100 represents the maximum score D) 55 represents the minimum score
- 4) A score of an 85 on the box-and-whisker plot shown refers to
A) the third quartile C) the median
B) the maximum score D) the mean
- 5) (a) Arrange the following data from least to greatest and find the median.
20, 25, 24, 17, 18, 19, 21, 27
(b) Find the median of the upper half of the data. What is this called?
(c) Find the median of the lower half of the data. What is this called?
(d) Draw a box-and-whisker graph using the above information.
- 6) The accompanying histogram shows the heights of the students in Kyra's health class.



What is the total number of students in the class?

- A) 15 B) 209 C) 16 D) 5