

## Classwork/Homework: Interpreting Box Plots

① Answer the questions using the box plot comparison.

What is the Q<sub>3</sub> for 1st period?

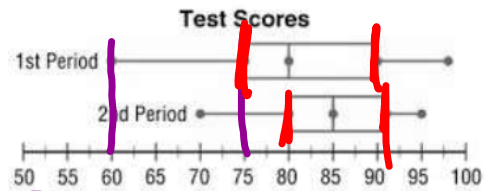
90  
85

What is the median score for 2nd period?

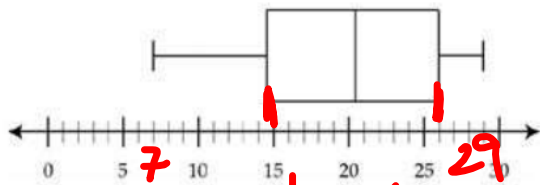
What is the spread for the lower 25% for 1st period?

Which period has a greater IQR?

1st 60-75



② The accompanying box-and-whisker plot represents the cost, in dollars, of twelve CD's.



What cost is the upper quartile?

\$26

What is the range of the costs of the CD's?

\$22

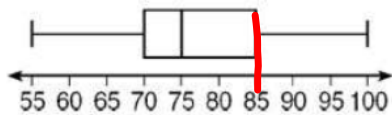
What is the median?

20.5

What percentage of CD's cost between \$14.50 and \$26.00?

50%

③ The accompanying box-and-whisker plot represents the scores earned on a math test.



What is the median score?

75

What score represents the first quartile?

70

A score of an 85 on the box-and-whisker plot shown refers to

Q<sub>3</sub>

Which statement is **not** true about the box and whisker plot shown?

- A. 75 represents the mean score
- B. 85 represents the 3rd quartile
- C. 100 represents the maximum score
- D. 55 represents the minimum score