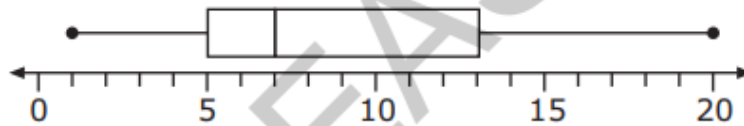


Box plot questions from the released EOG NO calculator...

1)

Which choice shows a set of data that could be represented by the box plot shown below?



- A 1, 3, 5, 6, 7, 7, 8, 13, 19, 20
- B 1, 3, 5, 6, 6, 8, 13, 14, 19, 20
- C 1, 2, 3, 5, 7, 8, 8, 13, 19, 20
- D 1, 5, 5, 6, 6, 6, 8, 13, 19, 20

The data below represents the numbers of books that twelve students read.

2, 4, 7, 8, 9, 12, 14, 18, 19, 21, 30, 32

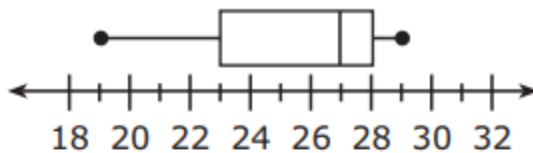
2)

What is the 5 number summary for this data? What is the interquartile range?

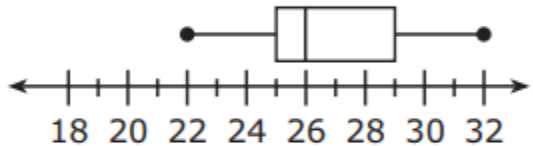
3)

Which box plot represents a set of data with the largest interquartile range?

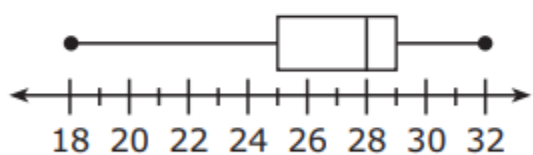
A



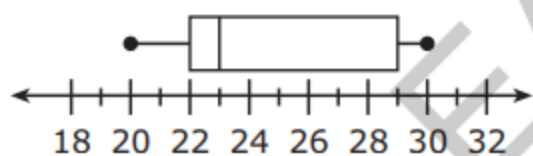
B



C



D



4)

What is it? Which set of data has the highest median? Which set of data has the greatest range? Which set of data shows the least variability?