



6. Which graphical representation best displayed Bob's and Alan's data?

7. Based on the summary statistics is either friend a basketball star? Justify your answer.

8. The table shows the scores from the top 10 players of our Homecoming basketball game. Which player scored more than the upper quartile of the data?

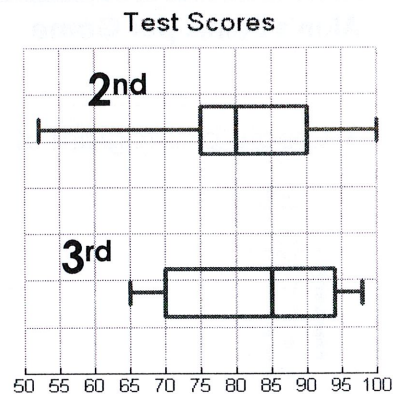
- A. Matt
- B. Michael
- C. Jim
- D. Bobby

Player	Points	Player	Points
Michael	12	Dave	9
Brendan	6	Heath	15
Andrew	21	Jack	3
Jim	14	Bobby	10
Andre	5	Matt	18

For #9-10, use the graph to the right.

9. Which statement below is NOT true?
- A. 2<sup>nd</sup> period had the highest score on the test
  - B. The median for 2<sup>nd</sup> period is 5 less than the median for 3<sup>rd</sup>
  - C. The LQ for 2<sup>nd</sup> period is 5 less than LQ for 3<sup>rd</sup> period
  - D. The UQ for 3<sup>rd</sup> period is 94

10. Fill in the blanks:
- The median for 2<sup>nd</sup> period is \_\_\_\_\_
  - The median for 3<sup>rd</sup> period is \_\_\_\_\_
  - The lowest score for 3<sup>rd</sup> period is \_\_\_\_\_
  - The lower quartile for 2<sup>nd</sup> period is \_\_\_\_\_
  - The spread of the middle 50% for 2<sup>nd</sup> period is \_\_\_\_\_



LQ - lower quartile  
 UQ - upper quartile

Sample A: 2, 4, 4, 4, 8, 8, 10, 12, 12, 14    Sample B: 0, 1, 4, 7, 9, 9, 10, 12, 12, 15

11. Which statement accurately compares the two samples?
- A. The mean for Sample A is 1 greater than the mean of Sample B.
  - B. The mean for Sample B is 1 greater than the mean of Sample A.
  - C. The mean for Sample A is 0.1 greater than the mean of Sample B.
  - D. The mean for Sample B is 0.1 greater than the mean of Sample A.

12. Forty-five people were asked about how many miles they walked in one week. The results are shown in the graph. How does the median number of miles walked for boys compare with the median number of miles walked for girls?

