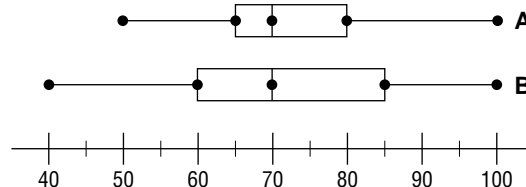NAME_____ DATE _____

**Practice**

## *Integration: Statistics*
## *Box-and-Whisker Plots*

**Compare box-and-whisker plots A and B to answer each question.**

1. What is the median of each set of data?

2. Which plot has the lesser range?

3. Which plot has the greater interquartile range?

4. What is the upper quartile of each set of data?

5. What is the lower quartile of each set of data?

6. What is the least value in plot A?

7. What is the greatest value in plot B?

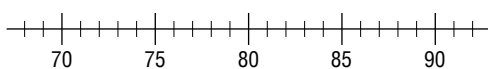8. Which plot illustrates the larger range of data?

9. What percent of the data in plot B is between 60 and 85?

10. What percent of the data in plot A is greater than 80?

11. What percent of the data in plot A is less than 65?

12. The numbers below represent forty eighteen-hole scores of a golfer at Crystal Springs Golf Club. Make a box-and-whisker plot of this data in the space provided.

| 88 | 80 | 80 | 77 | 84 | 74 | 80 | 79 | 83 | 77 |
|----|----|----|----|----|----|----|----|----|----|
| 75 | 75 | 78 | 79 | 77 | 81 | 72 | 85 | 75 | 76 |
| 78 | 76 | 77 | 72 | 75 | 70 | 78 | 77 | 72 | 79 |
| 78 | 75 | 79 | 77 | 77 | 73 | 77 | 78 | 82 | 86 |

13. What is the median score?

14. What percent of the scores were higher than 75?