

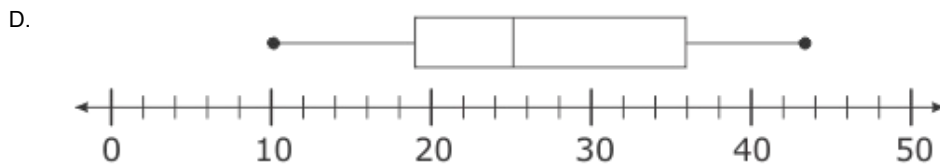
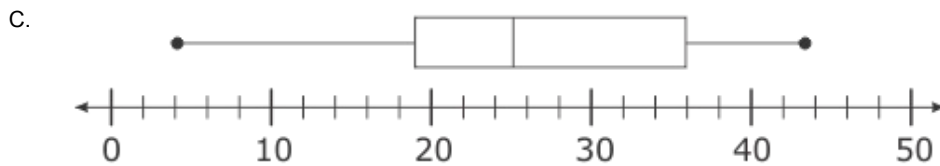
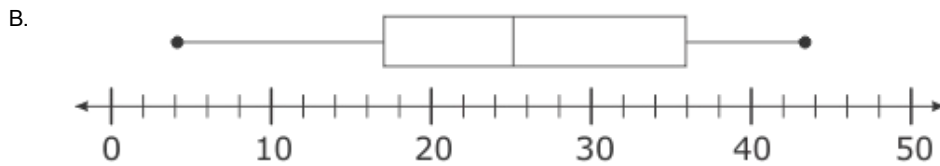
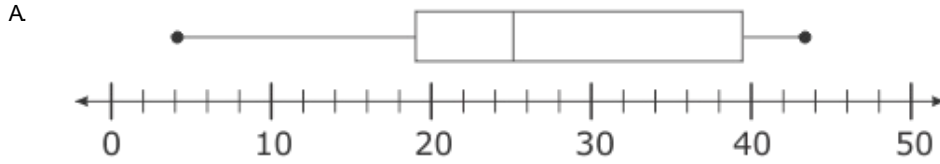
TEST NAME: **Statistics (SP.4)**
TEST ID: **181069**
GRADE: **06**
SUBJECT: **Mathematics**
TEST CATEGORY: **School Assessment**

Student: _____

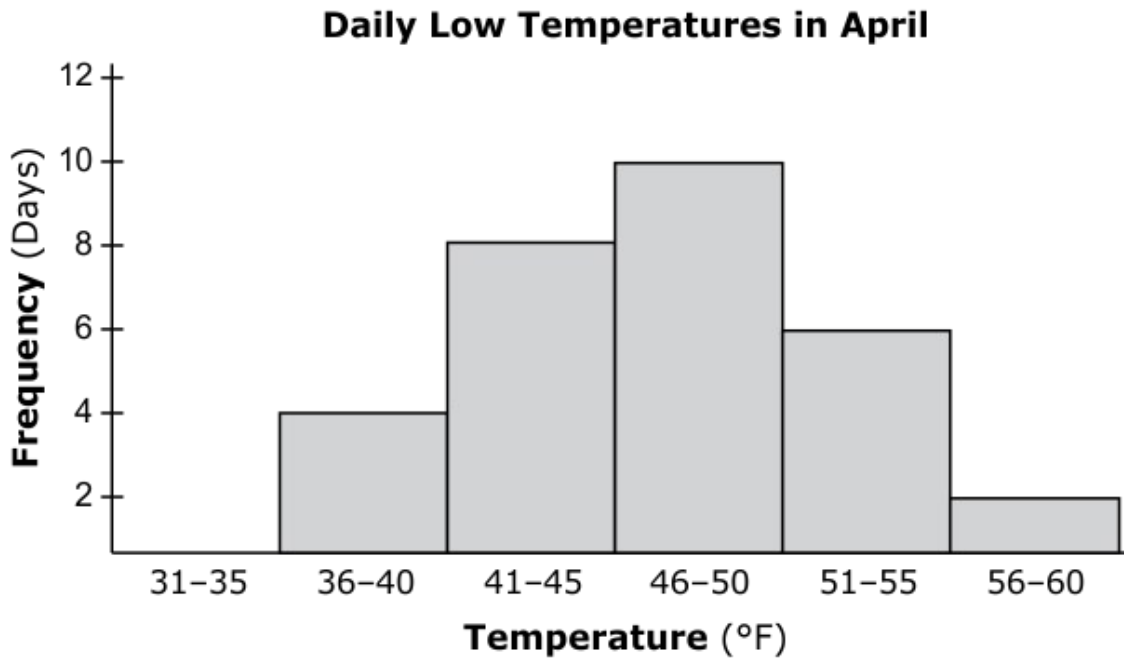
Class: _____

Date: _____

1. Which box plot represents a set of data with a median of 25, a range of 39, and an interquartile range of 17?



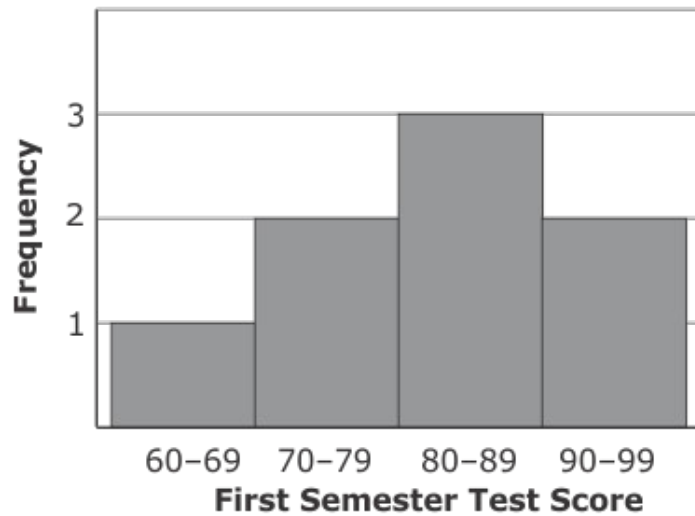
2. The histogram below displays the daily low temperatures for the month of April.



How many days was the temperature less than 46° in April?

- A. 18
- B. 12
- C. 10
- D. 8

3. A teacher created a histogram with 8 of her student's grades.



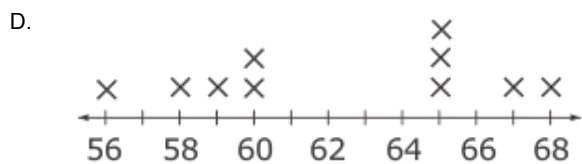
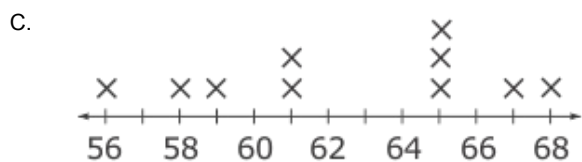
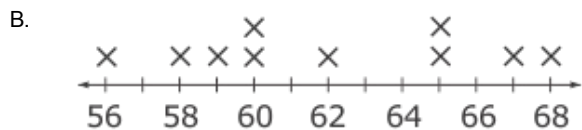
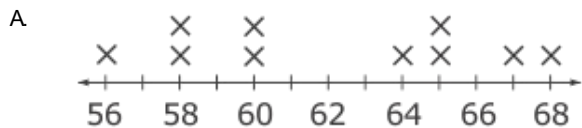
Which set of data is represented by the histogram?

- A. 65, 65, 75, 75, 75, 80, 95, 99
- B. 65, 69, 70, 79, 80, 89, 90, 99
- C. 65, 70, 79, 80, 80, 90, 91, 93
- D. 65, 70, 71, 80, 80, 80, 95, 99

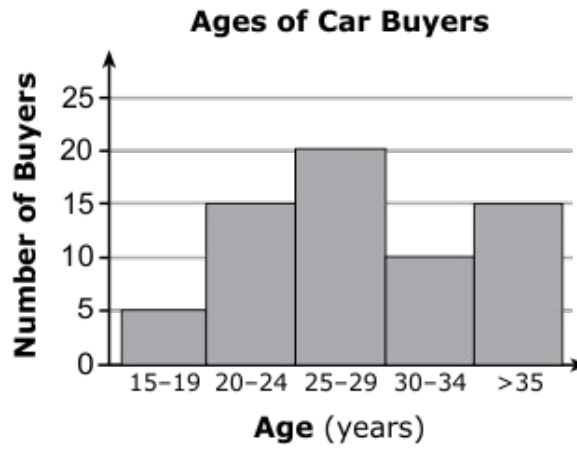
4. The heights, in inches, of 10 students are listed below.

56, 65, 60, 59, 68, 65, 67, 65, 60, 58

Which line plot displays this data?



5. A car dealer recorded the ages of the people who bought cars in the histogram below.



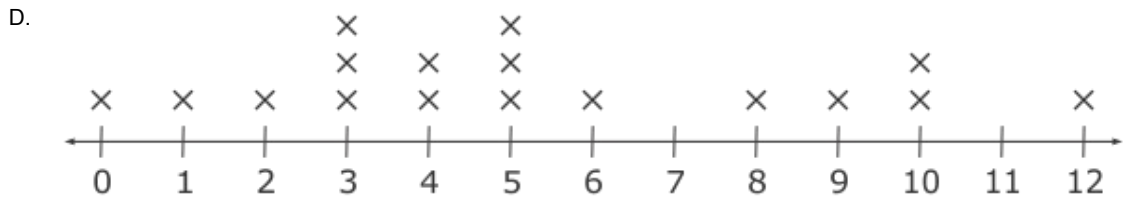
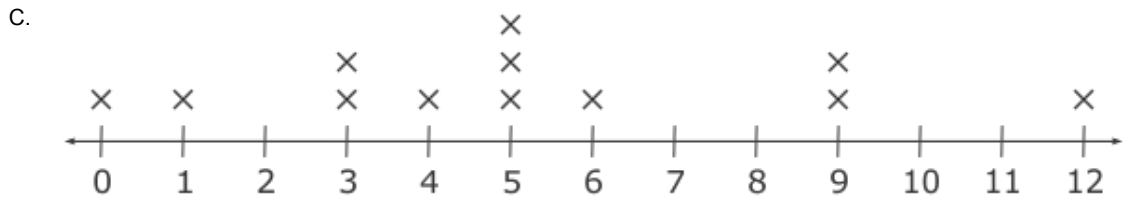
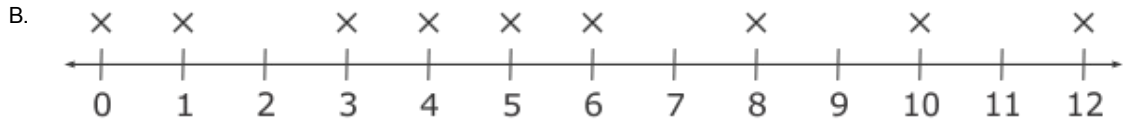
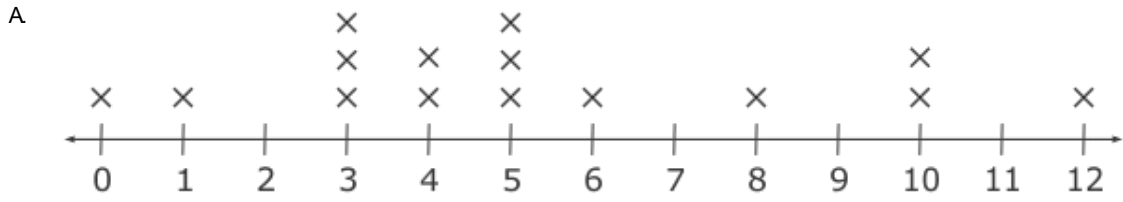
How many car buyers were older than 29?

- A. 10
- B. 15
- C. 20
- D. 25

6. Fifteen students were asked how many times they have visited the beach. Their responses are shown below.

0, 5, 6, 8, 10, 5, 4, 3, 3, 1, 12, 5, 10, 3, 4

Which line plot correctly shows these data?



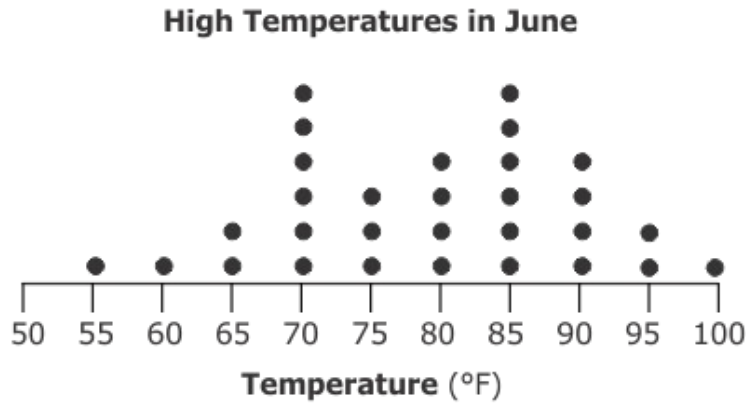
7. The table below shows the scores of 15 students on a standardized test.

Student Scores
578
571
540
556
527
512
543
536
527
516
491
519
512
520
494

Which statement is true?

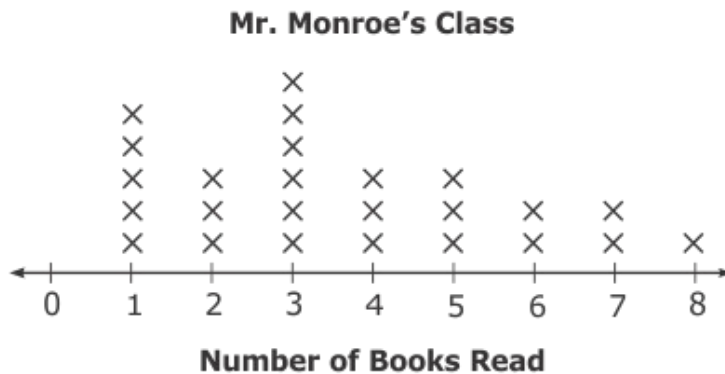
- A. 25% of the students scored lower than 527.
- B. 25% of the students scored higher than 527.
- C. 75% of the students scored lower than 543.
- D. 75% of the students scored higher than 543.

8. Mr. Clark’s science class kept a record of the daily high temperatures in town during the month of June. The dot plot below shows these data.



According to the dot plot, how many days in June was the temperature greater than 80 degrees?

- A. 17
 - B. 13
 - C. 10
 - D. 6
9. The line plot below shows how many books each student in Mr. Monroe’s class read in last month.



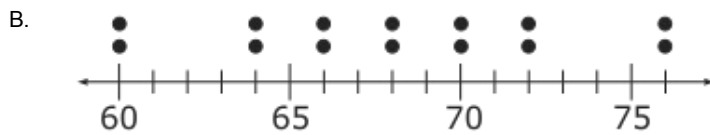
How many students read 4 or more books?

- A. 14
- B. 11
- C. 8
- D. 3

10. Students in health class recorded their heart rates in the list below.

64, 68, 72, 60, 76, 64, 72, 68, 72, 76, 70, 66

Which dot plot accurately displays this data?



11. What is the range of the set of data used to create this box plot?



- A. 4
- B. 6
- C. 8
- D. 10

12. Alex listed her math grades for the first nine weeks.

99, 55, 69, 72, 81, 94, 92, 77, 75, 79, 85, 81, 85, 81, 81

What is the lower quartile of Alex's data set?

- A. 69
- B. 72
- C. 75
- D. 77