

## CA Grade 7 Standard 7.SDAP.1.3

---

### MULTIPLE CHOICE

1. Which representation of data shows the median of the data most clearly?

- A. a box-and-whisker plot
- B. a line graph
- C. a scatterplot
- D. a stem-and-leaf plot

2. What is the upper quartile of the set of data below?

34, 22, 18, 32, 26, 56, 49, 40, 34, 41, 12

- A. 34
- B. 40
- C. 41
- D. 56

3. What is the median of the set of data below?

34, 22, 18, 32, 26, 56, 49, 40, 34, 41, 12

- A. 32
- B. 34
- C. 40
- D. 41

The following set of data represents the scores on a math test.

66, 97, 88, 80, 74, 75, 88

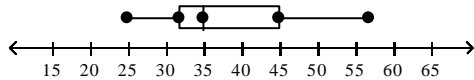
4. What is the lower quartile for the test scores?

- A. 74
- B. 74.5
- C. 75
- D. 77.5

5. What is the interquartile range of the test scores?

- A. 13.5
- B. 14
- C. 31
- D. 88

Use the box-and-whisker plot below.



6. What is the median of data?

- A. 32
- B. 35
- C. 45
- D. 57

7. What is the upper quartile for the data?

- A. 35
- B. 45
- C. 55
- D. 58

The stem-and-leaf plot below shows the ages of people attending a school meeting.

Stem	Leaf
0	3 4 5 8 8 9 9
1	0 1 4 5 5 8
2	0 0 6 8
3	
4	2 9 9

8. What is the maximum value of the data set?

- A. 9
- B. 28
- C. 49
- D. 52

9. What is the median age of the people at the meeting?

- A. 11
- B. 14.5
- C. 15
- D. 18.15

10. What is the lower quartile value of the ages at the meeting?

- A. 8
- B. 8.5
- C. 9
- D. 14.5