

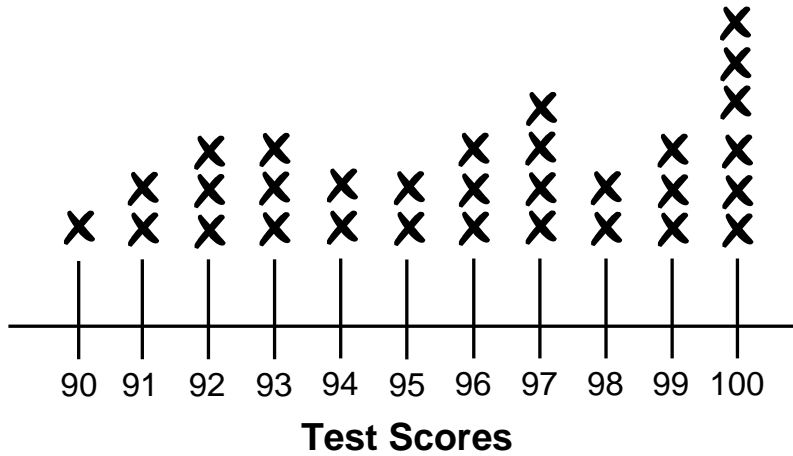
Collect and Organize Data

Skill 4 - 4G

Line Plot

Directions: Use the table to answer the questions.

Range is the difference between the lowest score and the highest score. Mr. Mason gave his students a history test. The scores are shown on this line plot.

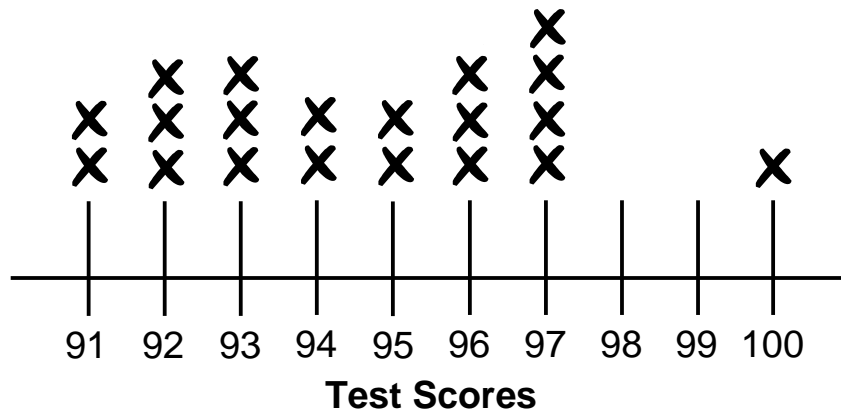


1. What is the range of these scores?

- A. 100 B. 10 C. 9 D. 20

2. How many students received a test score higher than 98?

- A. 11 B. 10 C. 9 D. 12



3. What is the range of these scores?

- A. 100 B. 10 C. 9 D. 1

4. Which value is considered to be an outlier?

- A. 0 B. 100 C. 91 D. 99

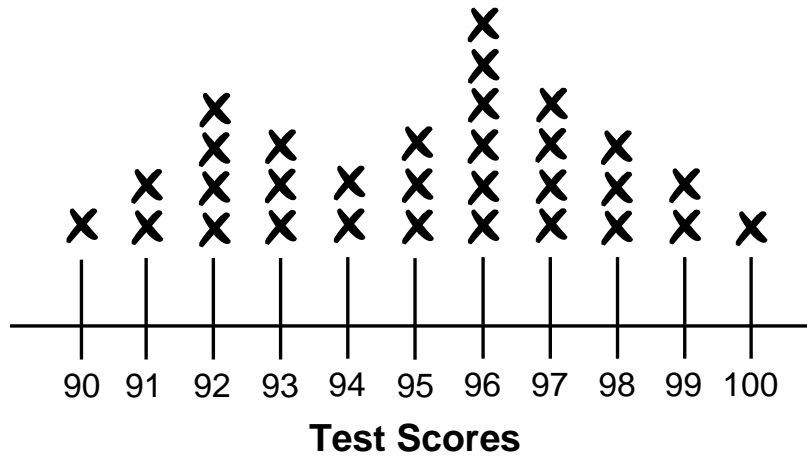
Collect and Organize Data

Skill 4 - 4G

Line Plot

Directions: Use the table to answer the questions.

Mr. Johnson gave his students a math test. The scores are shown on this line plot.



1. What is the range of these scores?

A. 9	B. 12	C. 10	D. 8
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2. How many students had a test score higher than 95?

A. 15	B. 19	C. 17	D. 16
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3. How many students had a test score of 92?

A. 5	B. 4	C. 3	D. 7
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4. Which score did most students receive?

A. 90	B. 100	C. 92	D. 96
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5. How many students received the lowest score?

A. 0	B. 1	C. 3	D. 2
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6. How many students received a test score of 88?

A. 3	B. 1	C. 0	D. 2
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7. How many students received the highest score?

A. 4	B. 1	C. 5	D. 3
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Answer Key

Collect and Organize Data Skill 4 - 4G

Range is the difference between the lowest score and the highest score.

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- 1. Answer B. 10** **The range is 10.**
The highest score minus the lowest score. $100 - 90 = 10$
- 2. Answer C. 9** **9 students scored higher than 98**
- 3. Answer C. 9** **$100 - 91 = 9$**

An outlier is a value that lies outside most of the other values in a set of data. A value that is much smaller or larger than the other values.

- 4. Answer is B. 100**

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- 1. C. 10**
- 2. D. 16**
- 3. B. 4**
- 4. D. 96**
- 5. B. 1**
- 6. C. 0**
- 7. B. 1**