

## CA Grade 7 Standard 7.NS.2.5

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### MULTIPLE CHOICE

1.  $|16| =$

- A. -16  
B. -4  
C. 4  
D. 16

2. What does the absolute value of a number represent?

- A. the square root of a number  
B. the square of a number  
C. the opposite value of a number  
D. the distance from zero of a number on a number line

3.  $|9 - 3| + |4 - 7| =$

- A. -9  
B. 3  
C. 6  
D. 9

4. Which of the following is *not* true about the absolute value of a number?

- A. It can be a negative number.  
B. It measures the distance from zero on a number line.  
C. There are always two points with the same absolute value.  
D. Every number has an absolute value.

5.  $|13 - 18| - |21 - 23| =$

- A. -3  
B. 2  
C. 3  
D. 7

6.  $|4 + 2| - |35 - 21| =$

- A. -20  
B. -8  
C. 8  
D. 20

7. Julius knows the absolute value of a number is 5. What does Julius know about the number?

- A. The number is 5.  
B. The number is -5.  
C. The number can be 5 or -5.  
D. The number is 25.

8.  $|-7 + -2| + |5 + 4| =$

- A. -9  
B. 0  
C. 9  
D. 18

9. How many points on a number line have the same distance from zero (excluding the number 0)?

- A. 0
- B. 1

- C. 2
- D. 4

10. Why must the absolute value of a number be positive?

- A. Absolute value measures a distance.
- B. Negative numbers do not have an absolute value.
- C. Absolute value is always the opposite of the number.
- D. Absolute value can only be used with positive numbers.