

Name \_\_\_\_\_

## Absolute Value



**COMMON CORE STANDARDS—6.NS.C.7c**  
Apply and extend previous understandings of numbers to the system of rational numbers.

Find the absolute value.

1.  $|7|$  Graph 7 on the number line.

7 is 7 units from 0.

$|7| =$  7



2.  $|-8|$                       3.  $|16|$                       4.  $|8.65|$                       5.  $|4\frac{3}{20}|$                       6.  $|-5,000|$

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Find all numbers with the given absolute value.

7. 12                      8. 1.7                      9.  $\frac{3}{5}$                       10.  $3\frac{1}{6}$                       11. 0

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Find the number or numbers that make the statement true.


12.  $|\square| = 17$                       13.  $|\square| = 2.04$                       14.  $|\square| = 1\frac{9}{10}$                       15.  $|\square| = \frac{19}{24}$

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## Problem Solving

16. Which two numbers are 7.5 units away from 0 on a number line?                      17. Emilio is playing a game. He just answered a question incorrectly, so his score will change by  $-10$  points. Find the absolute value of  $-10$ .

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18. **WRITE**  Write two different real-world examples. One should involve the absolute value of a positive number, and the other should involve the absolute value of a negative number.

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