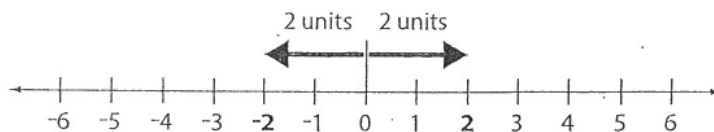


Understanding Numbers and Absolute Value

HW
Pre-AP

The **absolute value** of a number is its distance from 0 on a number line. Look at 2 and -2. They are both 2 units away from 0.



2 is 2 units from 0. The absolute value of 2 is 2.

-2 is 2 units from 0. The absolute value of -2 is 2.

$|2| = 2$ is read as *the absolute value of 2 equals 2*.

$|-2| = 2$ is read as *the absolute value of -2 equals 2*.

$$|3| = 3$$

$$|-4| = 4$$

$$|1| = 1$$

$$|-5| = 5$$

Find the absolute value of each number.

1. $|6| =$

2. $|-9| =$

3. $|-8| =$

4. $|-13| =$

5. $|18| =$

6. $|-3| =$

7. $|10| =$

8. $|-15| =$

9. $|-7| =$

10. $|0| =$

11. $|-17| =$

12. $|22| =$

13. $|-12| =$

14. $|-19| =$

15. $|-11| =$

16. $|26| =$

Name the two numbers that have the given absolute value.

17. 30

30, -30

18. 14

19. 32

20. 29

21. 21

22. 23

23. 42

24. 99
