

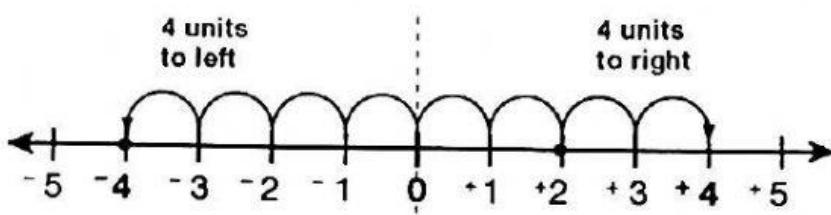
Name/Nombre: _____ Date/Fecha: _____

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Opposite numbers (Additive inverse)

- * Opposite numbers are _____ that are the exact same _____ away from 0 (zero), but on _____ sides on a number line.
 - ❖ Signs of opposite numbers are DIFFERENT.
 - ❖ The absolute values of opposite numbers are the SAME.

Example 1 : Show -4 and 4 are opposite numbers.



-4 is _____ units away from ____.

4 is _____ units away from ____.

-4 and 4 are on the _____ side of 0 .

So, -4 and 4 are a pair of _____.

Example 2 : Determine the opposite of given numbers.

- (1) Opposite of -1 is _____.
- (2) Opposite of 18 is _____.
- (3) Opposite of $|-4|$ is _____.
- (4) Opposite of $-|3|$ is _____.
- (5) Opposite of 0 is _____.

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DO NOW!

1) Opposite value of 25 is _____

2) Opposite value of 45 is _____

3) Opposite value of 59 is _____

4) Opposite value of 46 is _____

5) Opposite value of 49 is _____

6) Opposite value of 89 is _____

7) Opposite value of -2 is _____

8) Opposite value of 77 is _____

9) Opposite value of 34 is _____

10) Opposite value of -46 is _____

11) Opposite value of -2 is _____

12) Opposite value of -59 is _____

13) Opposite value of 23 is _____

14) Opposite value of -50 is _____

15) Opposite value of 78 is _____

16) Opposite value of -1 is _____

17) Opposite value of 66 is _____

18) Opposite value of 41 is _____

19) Opposite value of 78 is _____

20) Opposite value of 77 is _____