

Name/Nombre: _____ Date/Fecha: _____

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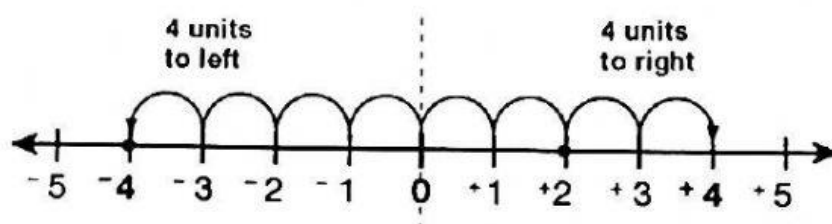
Opposite numbers (Additive inverse)

* **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 _____