## Comparing Integers



## EXAMPLE 2 Identifying Opposites

## EXAMPLE 3 Comparing Integers

Compare -7 and -2.


Answer: Because -7 is to the $\ell f$ of -2 on the number line,
$-7 \measuredangle-2$.
your turn now Find the opposite of the integer.


Copy and complete the statement using < or >.

| 8. -8 ? 8 | 9. 0? -10 | 10.6? -7 | 11. -3 ? -4 |
| :---: | :---: | :---: | :---: |
| $-8<8$ | $0>-10$ | $6>-7$ | $-3>-4$ |

## EXAMPLE 4 Ordering Integers

Lakes The table shows the elevations, with respect to sea level, of several natural lakes in the world. Which lake has the lowest elevation?

| Lake | Elevation <br> (with respect to sea level) |
| :--- | :--- |
| (1) | Caspian Sea |
| Ly | Lagoda |
| Maracaibo | -92 feet |
| (4) | Eyre |
| (5) | Nettilling |

Solution

$-100-80-60-40-20 \quad 0 \quad 20 \quad 40 \quad 6080 \quad 100$
Answer: The Cospiah Sad has the lowest elevation.

