

## Vocabulary Flash Cards

The opposite of a number

The additive inverse of 8 is -8 .

The set of whole numbers and their opposites
$\ldots-3,-2,-1,0,1,2,3, \ldots$

The distance between a number and 0 on a number line; The absolute value of a number $a$ is written as $|a|$.

$$
\begin{aligned}
& |-5|=5 \\
& |5|=5
\end{aligned}
$$

The sum of an integer and its additive inverse is 0 .

$$
8+(-8)=0
$$

Two numbers that are the same distance from 0 , but on opposite sides of 0
-3 and 3 are opposites.

