\begin{tabular}{|c|c|}
\hline lary Flash Card \& \\
\hline absolute value \& coordinate plane \\
\hline Chapter 6 \& Chapter 6 \\
\hline \multirow[t]{2}{*}{integers

Chapter 6} \& negative numbers \\
\hline \& Chapter 6 \\
\hline \multirow[t]{2}{*}{opposites

Chapter 6} \& origin \\
\hline \& Chapter 6 \\
\hline positive numbers \& quadrants \\
\hline Chapter 6 \& Chapter 6 \\
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\end{tabular}

A coordinate plane is formed by the intersection of a horizontal number line and a vertical number line.

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 set of whole numbers and their opposites

$$
\ldots,-3,-2,-1,0,1,2,3, \ldots
$$

$$
-10,-500,-10,000
$$

The point, represented by the ordered pair $(0,0)$, where the horizontal and vertical number lines intersect in a coordinate plane

See coordinate plane.

The four regions created by the intersection of the horizontal and vertical number lines in a coordinate plane

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

|  |  |
| :--- | :--- |
| The four regions created by the intersection of <br> the horizontal and vertical number lines in a <br> coordinate plane | Numbers that are greater than 0 |
| See coordinate plane. | $0.5,2,100$ |

