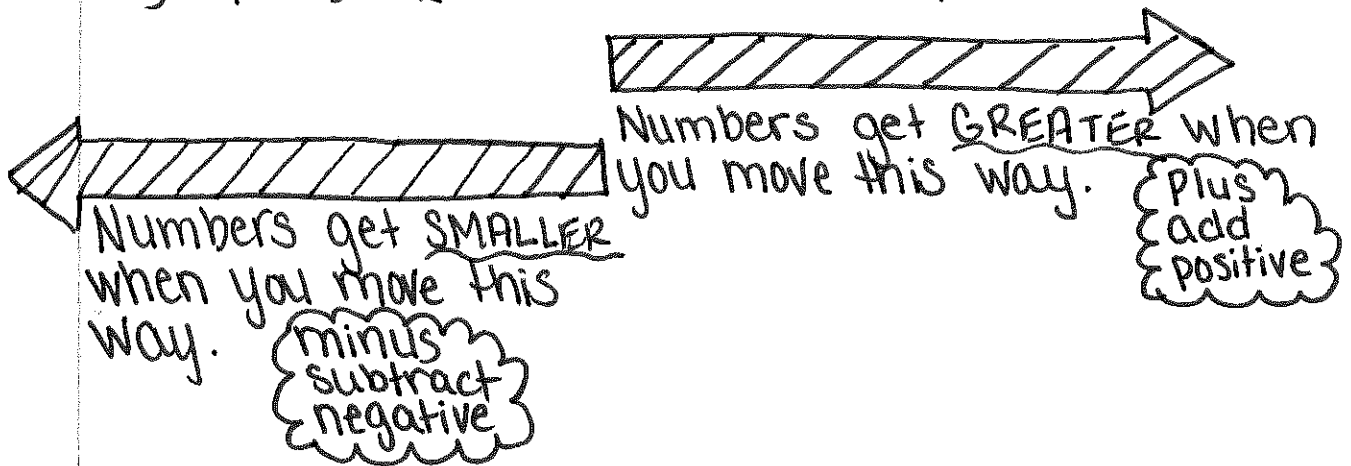


# Understanding Integers

- Integers are positive or negative whole numbers including 0.

- THIS is a REAL number line:



- Opposite numbers

$$6 \rightarrow -6$$

$$-2 \rightarrow 2$$

$$0 \rightarrow 0$$

## Absolute Value

- The absolute value of an integer is its distance from zero on the number line. (**ALWAYS POSITIVE**)

$$|-8| \rightarrow 8$$

$$-|-4| \rightarrow -4$$

$$|-6| \rightarrow 6$$

$$|5| \rightarrow 5$$