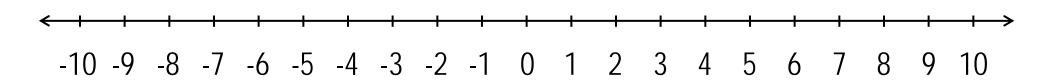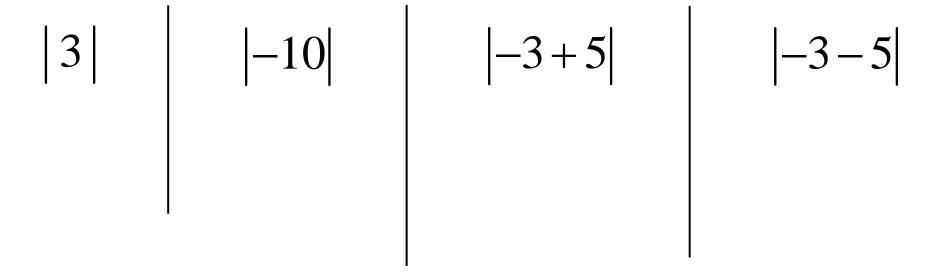Absolute Value represents a distance.

The $|-3|$ represents the distance between 0 and -3 on the number line.

$$\longleftarrow \,|\;|\;|\;|\;|\;|\;|\;|\;|\;|\;|\;|\;|\;|\;|\;|\;|\;|\;|\;|\;|\, \longrightarrow$$

-10 -9 -8 -7 -6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6 7 8 9 10

$|3|$ $|-10|$ $|-3+5|$ $|-3-5|$

-10 -9 -8 -7 -6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6 7 8 9 10
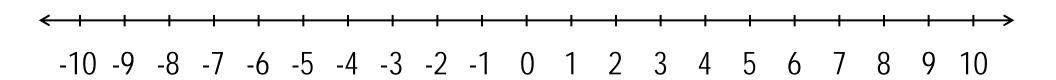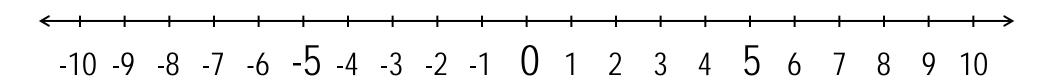
The opposite of 3 is

Note: Both 3 and -3 are both a distance of 3 from
0 on the number line.

What is the opposite of 5?

What is the opposite of -5?

$$-(5)$$

$$-(-5)$$

-10 -9 -8 -7 -6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6 7 8 9 10

$-(3)$ $-(-3)$ $-|3|$ $-|-3|$

$\boxed{-3}$ $\boxed{3}$ $\boxed{-3}$ $\boxed{-3}$

$$-(7-5)$$

$$\boxed{-2}$$

$$-(5-9)$$

$$\boxed{4}$$

$$-\left|-3-2\right|-3$$

$$\boxed{-8}$$