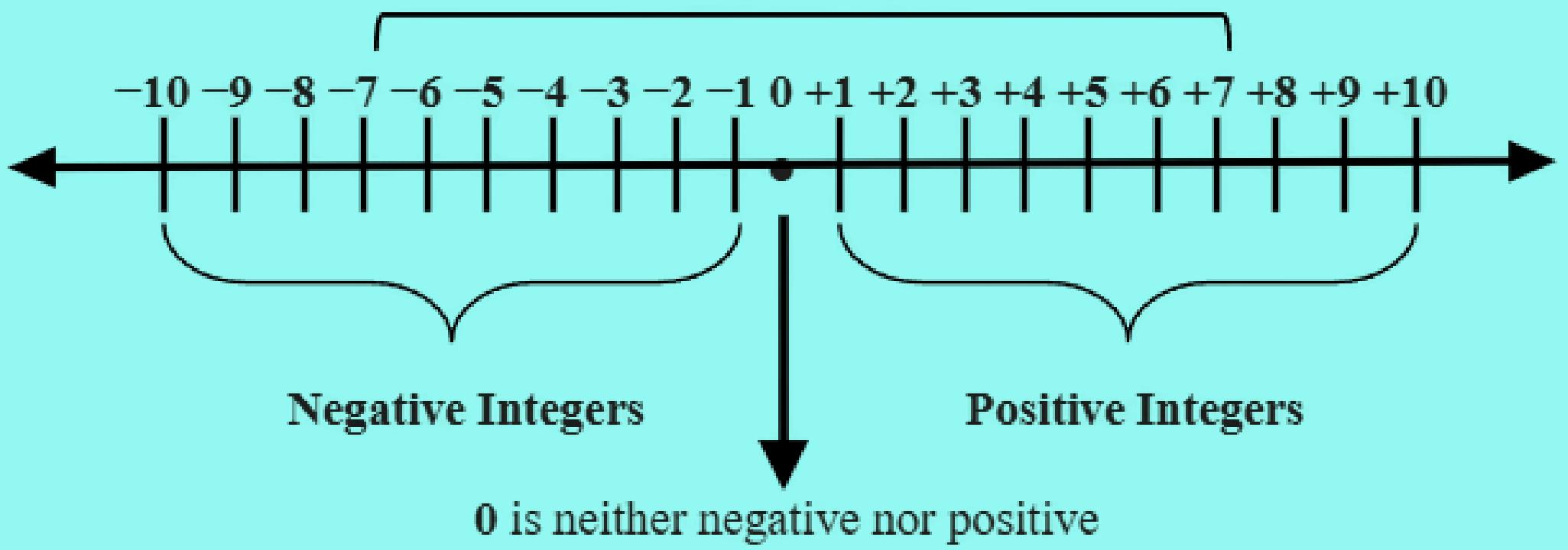


Number Line

Examine the **number line** below to see where positive and negative integers are positioned. It will help you compare the integers.

Number Line

OPPOSITES



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A **number line** is a straight line where numbers are arranged at equal spaces, and it can go on extended infinitely in both directions.

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Moving from zero to the right, the numbers increase in value. The farther right you go, the larger the numbers become.

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In the opposite direction, moving from zero to the left, the numbers decrease in value. The farther left you go, the smaller the numbers become.

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Positive integers are greater than zero, while negative integers are less than zero.

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Example: Compare the following pair of integers.

1. $+8$ $+10$

2. -9 -7

3. $+15$ -5

4. -4 -1

5. $+20$ $+18$

1. $+8$ is to the left of $+10$, so $+8$ is less than $+10$, written as $+8 < +10$.

2. -9 is to the left of -7 , so -9 is less than -7 , written as $-9 < -7$.

3. 15 is to the right of -5 , so 15 is greater than -5 , written as $15 > -5$.

4. -4 is to the left of -1 , so -4 is less than -1 , written as $-4 < -1$.

5. $+20$ is to the right of $+18$, so $+20$ is greater than $+18$, written as
 $+20 > +18$.