NUMBER LINE

Using Negative Numbers and Fractions in a Number Line

A number line is a line that shows any group of numbers in their least to greatest value.

If a number is to the left of a number on the number line, it is less than that number.
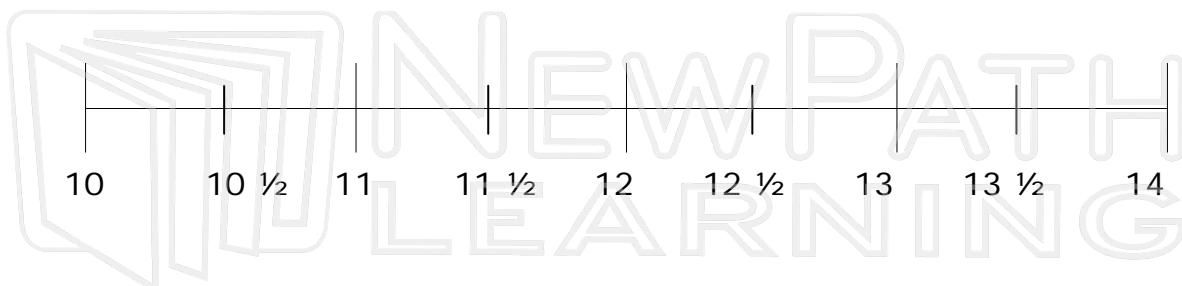
If it is to the right then it is greater than that number.

Here is an example.

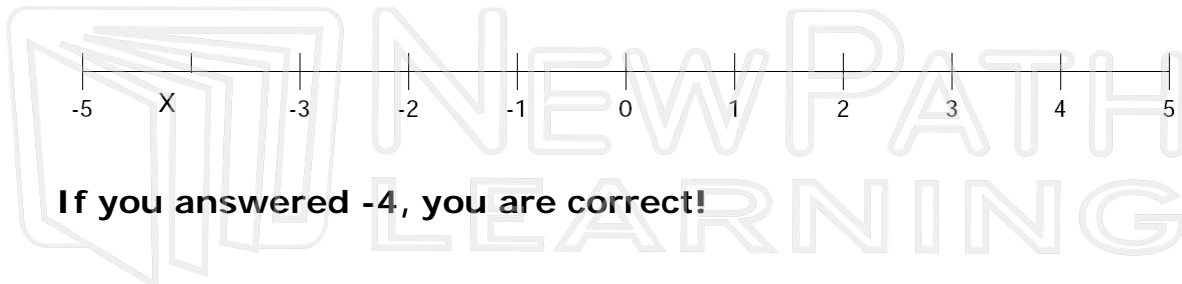1   5

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You

Fractions are also shown from left to right, from least to greatest. Here is an example.

| 10 | 10 ½ | 11 | 11 ½ | 12 | 12 ½ | 13 | 13 ½ | 14 |

Also, you can show negative numbers on a number line.

Negative numbers are to go to the **LEFT of zero** on a number line, showing that they are less than zero.

Positive numbers are to go to the **RIGHT of zero**, because they are greater in value than zero.

As the **negative** numbers continue to go **left** on the number line, they **decrease** in value.

Here is an example.

-10   8   9   10

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from

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from

Now   **g**
one

Fill i

-5   -4   -3   -2   -1   0   1   2   3   4   5

If you answered 2, you are correct!

Try again, this time using negative numbers!

What number does X stand for on the number line?

```
  |    |    |    |    |    |    |    |    |    |    |
 -5   X   -3   -2   -1    0    1    2    3    4    5
```

If you answered -4, you are correct!

Now try using a number line using fractions!

If you wanted to place an **X** to show where **1½** would be, between
whic...

```
  |                                              |
  0                                              3
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If y... e 2,
you