

Absolute Value is a number's distance from zero and is always a positive value! It is symbolized by the following symbols: $|-6| = 6$ and is read "the absolute value of negative 6 equals 6!"

Rational Number is a number that can be expressed as a quotient of two integers (fraction) where the divisor is not zero

Opposite two numbers whose sum is zero

Integers the whole numbers and their opposites

Commutative Property of addition

- states that $2 + 3 = 3 + 2$
or $a + b = b + a$

Commutative Property of multiplication states that
 $a(b) = b(a)$ or 2 times 3 = 3 times 2

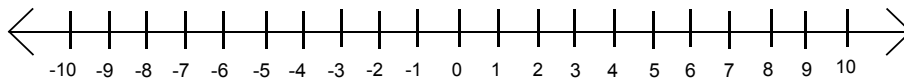
Variable any symbol that represents a value for example
x or t or b or a or n where $x + 3 = 6$ therefore $x = 3$

Problem of the day: BillieJean brought 2.5 dozen cookies to school. Mr. Saylor ate $\frac{3}{4}$ of a dozen cookies, Mr. Jarvis ate $\frac{1}{2}$ dozen cookies and Mrs. Ellis ate 1 cookie.

How many cookies were left? Write a number sentence for this problem and send it to me by email with the correct response and you will earn a math prize!

Notes for 9/23 and 9/24:

< means less than and > means greater than! You need to be able to use these signs in a number sentence to compare values.



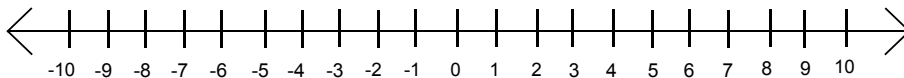
Look at the number line above and recall that any number to the **LEFT** of another number is less than the that number.

Any number to the **RIGHT** of another number is greater than that number.

Example: 3 is to the right of 2, therefore, $3 > 2$.

Example: 8 is to the left of 8.5, therefore 8 is less than 8.5.

*Remember this rule holds true for both sides of the number line.



On the number line above place the letter that is before the number value below on the line where that value would be found. A. - 1.5 B. 0.75

C. - 0.8 D. 3.4 E. 3.46

