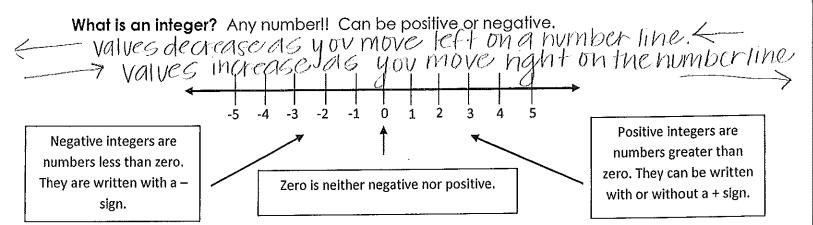
Integers and Absolute Value

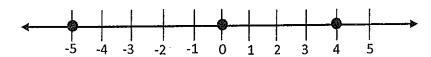


Write an integer for each situation.

An average temperature of 5 degrees below normal -5

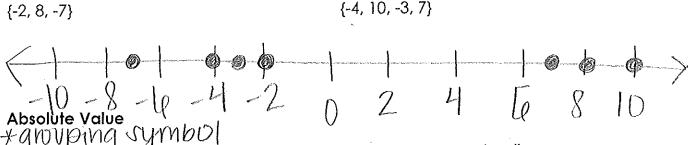
An average rainfall of 5 degrees above normal +5 0 5

Graphing integers

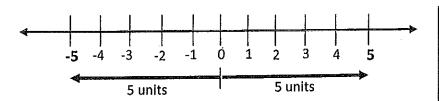


Graph integers {4, -5, 0} on the number line.

Draw a number line and graph the following integers on a number line.



Absolute value is the distance a number is from zero on a number line.



The absolute value of -5 and 5 are the same.

Find the absolute value of the following.

|-4|

|-5| - |2|

5-2

|2|+|-3|

2+3

(5)

> Let's Practice!!!

Write an integer to represent the situation.

1. A loss of 11 yards

2. 6°F below zero

3. A deposit of \$7

4. 250 meters above sea level

5. An elevator goes up 8 floors

Graph each set of integers on a number line.

6. {11, -5, -8}

7. {2, -1, -9, 1}

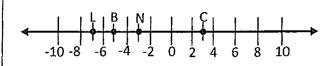
Evaluate each expression.

8. |-9|

9.1 + |7|

10. |-6| - |1|

Which point is located at -3 on the number line?



A Point B

C Point L

B Point C

D Point N

Which statement about these real-world situations is NOT true?

F A \$100 check deposited in a bank can be represented by +100.

G A loss of 15 yards in a football game can be represented by -15.

H A temperature of 20 below zero can be represented by -20.

J A submarine diving 300 feet under water can be represented by +300.

Write about a real-world situation that uses negative integers. Explain what the negative integer means in that situation. Write in complete sentences.