
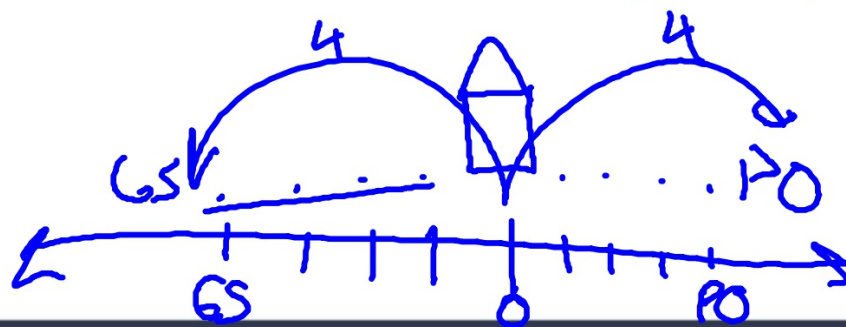
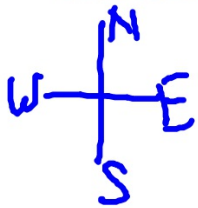


## Module 2 Lesson 4

I will understand and be able  
to determine the Absolute  
Value of a number.



Jesse leaves home and walks 4 blocks west to the grocery store to buy milk then returns home. He then walks another 4 blocks east to the Post Office. Compare the distance and the direction of Jesse's house and the Post Office from the grocery store.



# Absolute Value

Definition

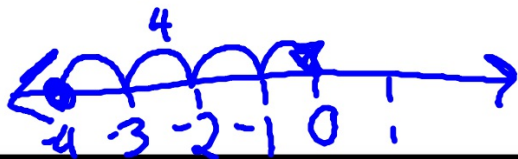
Distance from zero

Symbol

$| \# |$

$$|-4| = 4$$

Model



Example

$$|27| = 27$$

## Evaluate

1.  $|-7| = 7$

2.  $|14| = 14$

3.  $|-5| = 5$

4.  $|-7| - |3|$   
 $7 - 3 = 4$

5.  $|5| + |-6|$   
 $5 + 6 = 11$

6.  $|-9| + |3|$   
 $9 + 3 = 12$

What integers have an absolute value of 12?

$-12, 12$

$$|-12| = 12$$

$$|12| = 12$$

# Magnitude

**The absolute value of a measurement**