

1. ~~3~~⁰ miles below Sea Level

at Sea level

2. Moving back ~~4~~⁰ spaces on a game board

no change in moves, spaces, no movement

3. Earning ~~12~~⁰ points

no points ^{gained} earned or lost, no change points, same amount of points

4. ~~10~~⁰ degrees below zero

0°

5. The temperature rose 6° degrees

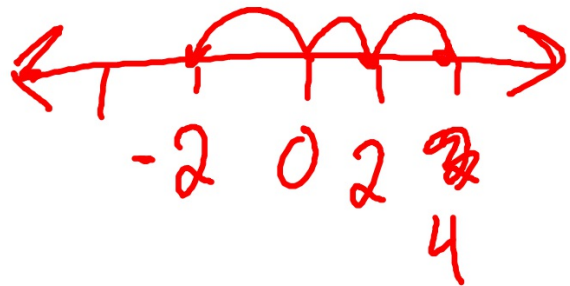
didn't rise or lower, no change in temp,

6. Deposit ~~20~~° in my checking

no money ^{deposited} in or out, same/original amount,

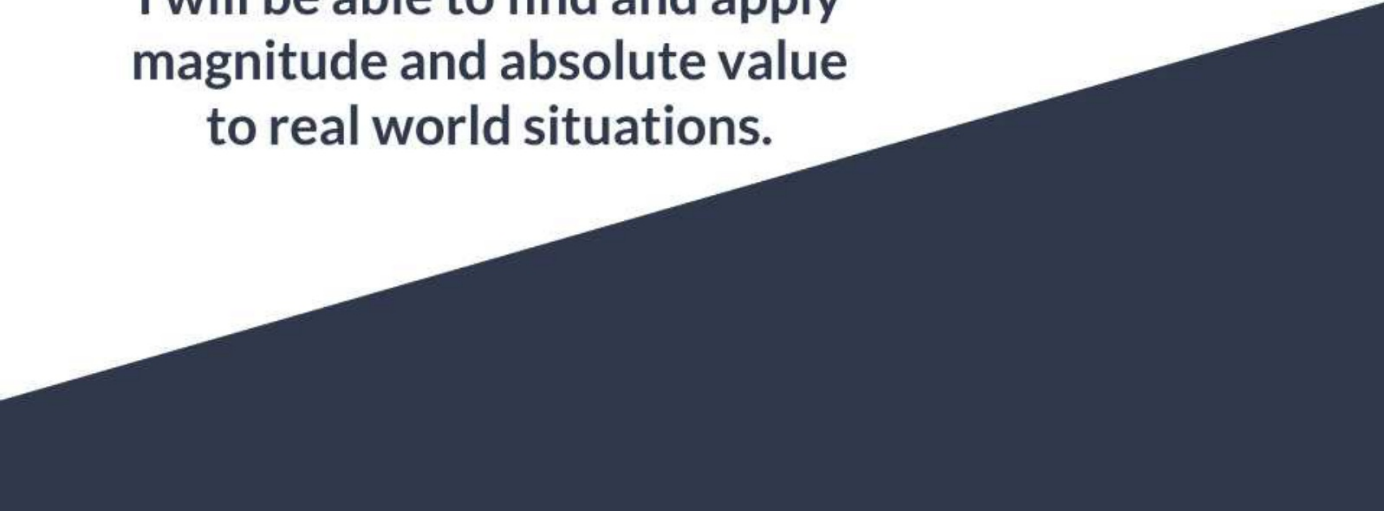
7. ~~9~~° in my savings account

zero dollars in account
no money " "



Module 2 Lesson 5

I will be able to find and apply
magnitude and absolute value
to real world situations.



Magnitude

The absolute value of a measurement

X

Practice

Mrs. Owens received a call from her bank because she had a checkbook balance of $-\$45$. What was the magnitude of the amount overdrawn?

$\$45$

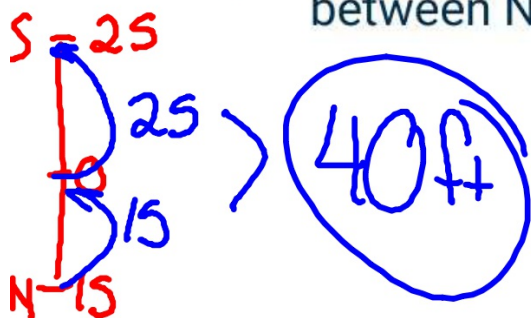
Practice:

Maria was sick with the flu, and her weight change as a result of it is represented by -4 pounds. What was the magnitude of Maria's weight loss?

4 pounds

Evaluate:

A seagull is flying 25 feet above sea level. Natalie is diving 15 feet below sea level. What is the distance between Natalie and the seagull?

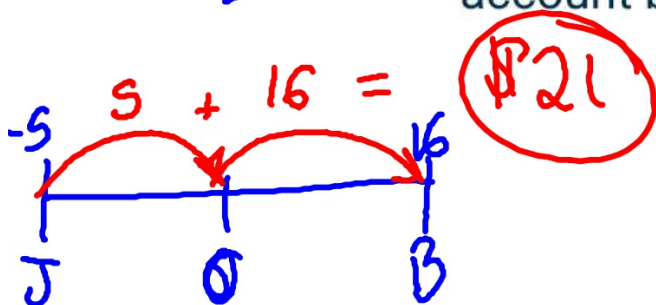


Evaluate:

The balance of Bryce's account is \$16. Jada's account is \$5 overdrawn. What is the difference between their account balances?

16

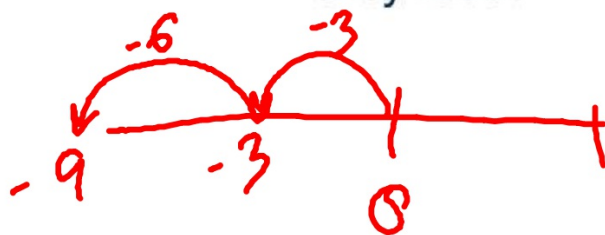
-5



\$21

Evaluate:

A football team lost 3 yards on their first play and 6 yards on their second play. How many total yards did they lose?



9 yds

