Brooke

6th Grade Math
8.11

Name: Andy

Classwork

Problem Solving Task:
Create a sketch or number line to model the following scenario.
Then write and evaluate a **subtraction expression** to solve the problem.

1. Carla is adventurous and jumped from a cliff 42 feet above sea level. She landed safely 9 feet below the surface of the water. What is the distance from the top of the cliff to where she landed in the water? Explain your answer.

42-(-9) 42+9=51

51

The distance is 51 ft bc that is how long they are from each other.

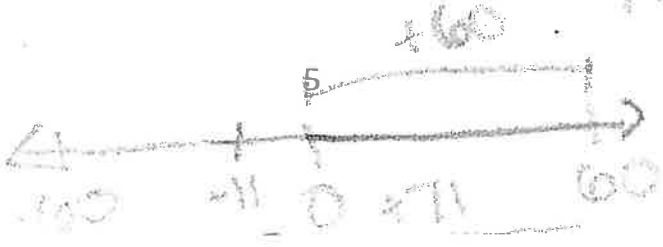
2. Malia is also adventurous and jumped from a cliff with an elevation of 60 feet. She landed safely 11 feet below the surface of the water. How did Malia's elevation change from the top of the cliff to where she landed underwater? Explain your answer

60
11
59

It changed by 59 feet because the start was 60 & changed to feet.

60-(-11) = 60+11

71



Brooke

6th Grade Math
8.11

Name: Analia

Classwork

Problem Solving Task:
Create a sketch or number line to model the following scenario.
Then write and evaluate a **subtraction expression** to solve the problem.

1. Carla is adventurous and jumped from a cliff 42 feet above sea level. She landed safely 9 feet below the surface of the water. What is the distance from the top of the cliff to where she landed in the water? Explain your answer.

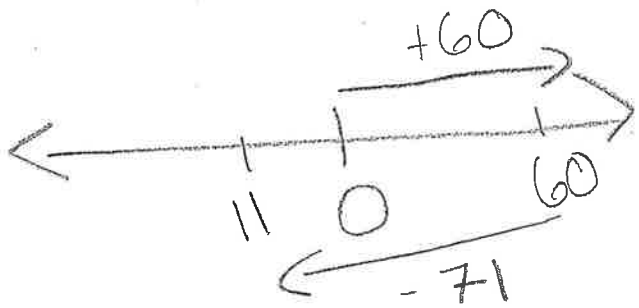
42 - (-9)

+1
42
+9
51 feet

The distance from the top of the cliff to where she landed is 51 ft because I subtracted 42 - (-9) and got 51 ft.

2. Malia is also adventurous and jumped from a cliff with an elevation of 60 feet. She landed safely 11 feet below the surface of the water. How did Malia's elevation change from the top of the cliff to where she landed underwater? Explain your answer

60 - (-11)



60
+11
-71

The elevation changed to 71 feet because I added 60 + (-11)

Brooke

6th Grade Math
8.11

Name: Isabelle

Classwork

Problem Solving Task:
Create a sketch or number line to model the following scenario.
Then write and evaluate a **subtraction expression** to solve the problem.

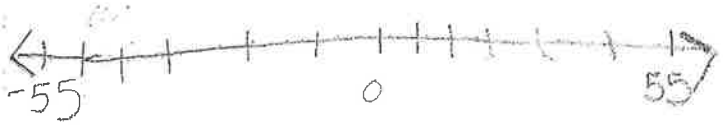
1. Carla is adventurous and jumped from a cliff 42 feet above sea level (Positive). She landed safely 9 feet below the surface (negative) of the water. What is the distance from the top of the cliff to where she landed in the water? Explain your answer.

$42 - (-9)$

$|42| + |-9|$

$42 + 9 = 51$ feet

We know when we have to find a distance between a negative and a positive, we have to add their absolute values. We do $42 + |-9|$ to get 51 Feet.



2. Malia is also adventurous and jumped from a cliff with an elevation of 60 feet (Positive). She landed safely 11 feet below the surface of the water (Negative). How did Malia's elevation change from the top of the cliff to where she landed underwater? Explain your answer

$60 - (-11)$

$|60| + |-11|$

$60 + 11$

By -71 feet

Malia's elevation changed by 71 feet. For both difference and distance, when we have a negative and a positive, we add their absolute values. We do $60 - (-11)$ to get 71 feet.

Brooke

6th Grade Math
8.11

Name: Sum

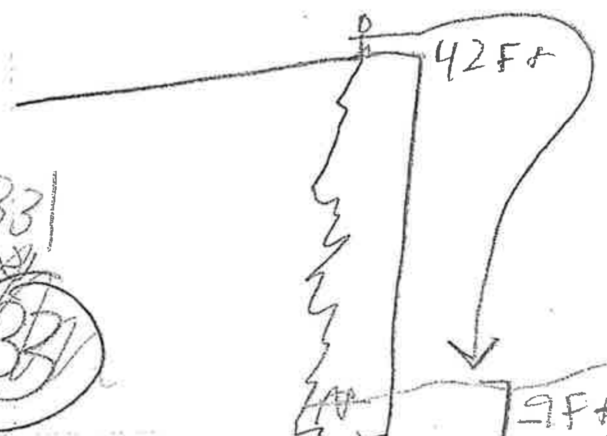
Classwork

Problem Solving Task:

Create a sketch or number line to model the following scenario.

Then write and evaluate a **subtraction expression** to solve the problem.

1. Carla is adventurous and jumped from a cliff 42 feet above sea level. She landed safely 9 feet below the surface of the water. What is the distance from the top of the cliff to where she landed in the water? Explain your answer.



42 − 9 = 33

|42 − 9| → |33|

33

42 + 9

|42 − −9| = 51

2. Malia is also adventurous and jumped from a cliff with an elevation of 60 feet. She landed safely 11 feet below the surface of the water. How did Malia's elevation change from the top of the cliff to where she landed underwater? Explain your answer

60 − 11 = 49

|60 − −11| = |71| = 71

cuse if we find the absolute value between the two to get the distance from 60 −11 and we add 60 + 60 and 11 to show how [illegible]

Brooke

6th Grade Math
8.11

Name: yeisly ♡

Classwork

Problem Solving Task:
Create a sketch or number line to model the following scenario.
Then write and evaluate a **subtraction expression** to solve the problem.

1. Carla is adventurous and jumped from a cliff 42 feet above sea level. She landed safely 9 feet below the surface of the water. What is the distance from the top of the cliff to where she landed in the water? Explain your answer.

$42 - -9$

$42 + 9$

$51 = 51$ feet

The distance between the top of the cliff and where Carla landed in the water is 51 feet.

2. Malia is also adventurous and jumped from a cliff with an elevation of 60 feet. She landed safely 11 feet below the surface of the water. How did Malia's elevation change from the top of the cliff to where she landed underwater? Explain your answer

Malia's elevation changed because she started at a distance above sea level, but when she descended to 11 feet below the surface, Malia's elevation from above ground decreased.

$60 - (-11)$

$60 + 11 = 71$ feet

Brooke

6th Grade Math
8.11

Name: Reyton

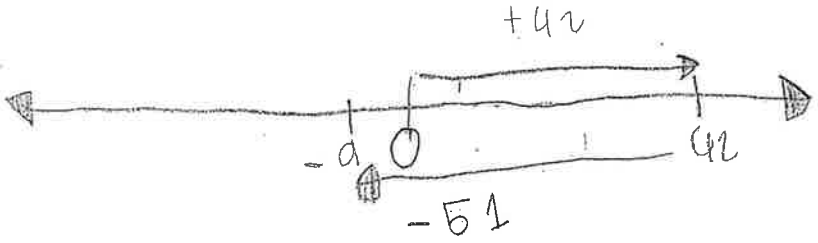
Classwork

Problem Solving Task:
Create a sketch or number line to model the following scenario.
Then write and evaluate a **subtraction expression** to solve the problem.

1. Carla is adventurous and jumped from a cliff 42 feet above sea level. She landed safely 9 feet below the surface of the water. What is the distance from the top of the cliff to where she landed in the water? Explain your answer.

over 0
under 0
|9 − 42|
51 ft

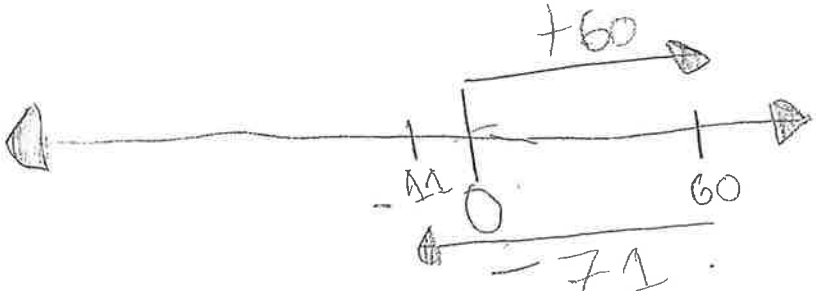
42
+ 9
51



2. Malia is also adventurous and jumped from a cliff with an elevation of 60 feet. She landed safely 11 feet below the surface of the water. How did Malia's elevation change from the top of the cliff to where she landed underwater? Explain your answer

over 0
under 0
|11 − 60|
71 ft

60
+11
71



Brooke

6th Grade Math
8.11

Name: Kamye

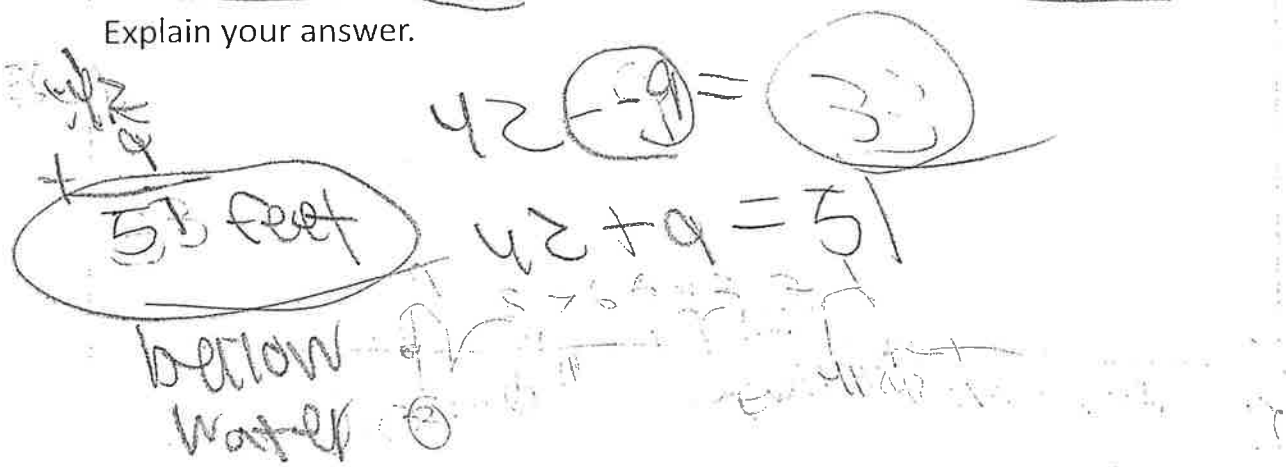
Classwork

Problem Solving Task:

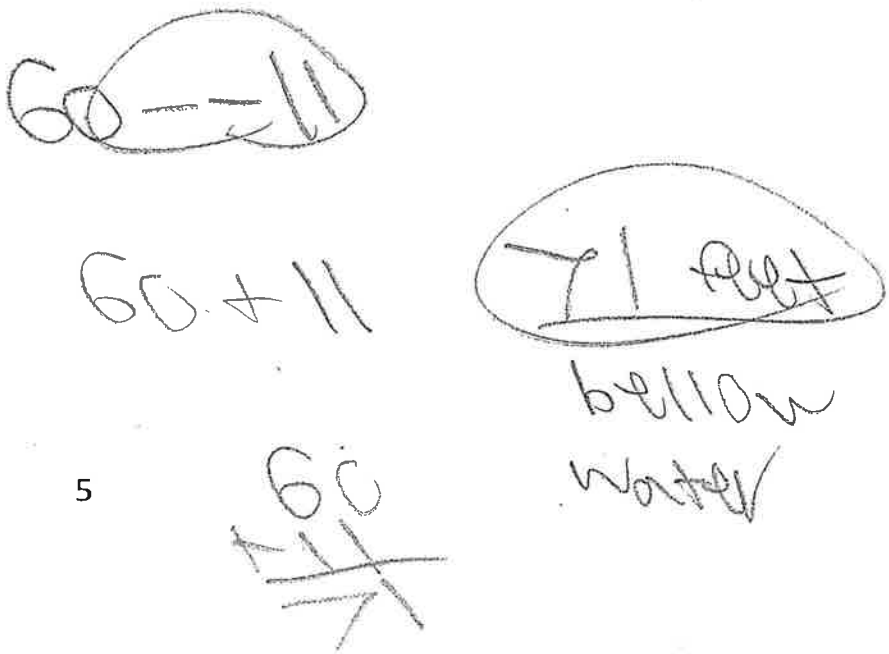
Create a sketch or number line to model the following scenario.

Then write and evaluate a **subtraction expression** to solve the problem.

1. Carla is adventurous and jumped from a cliff 42 feet above sea level. She landed safely 9 feet below the surface of the water. What is the distance from the top of the cliff to where she landed in the water? Explain your answer.



2. Malia is also adventurous and jumped from a cliff with an elevation of 60 feet. She landed safely 11 feet below the surface of the water. How did Malia's elevation change from the top of the cliff to where she landed underwater? Explain your answer

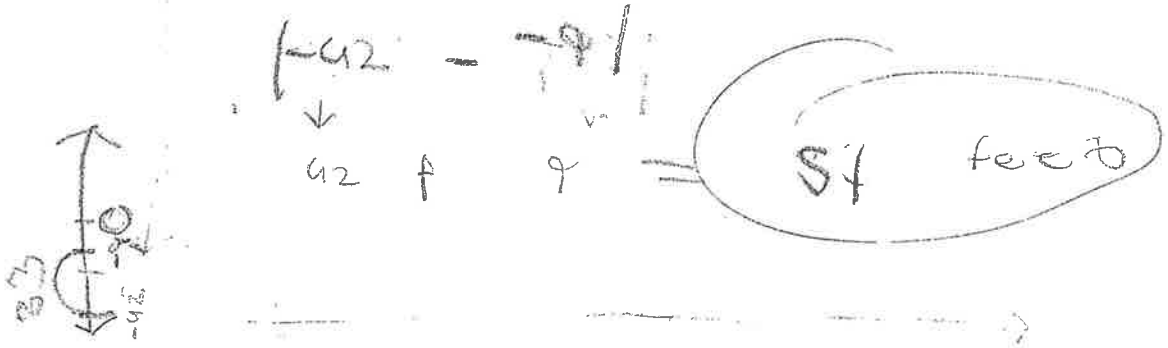


Name: A

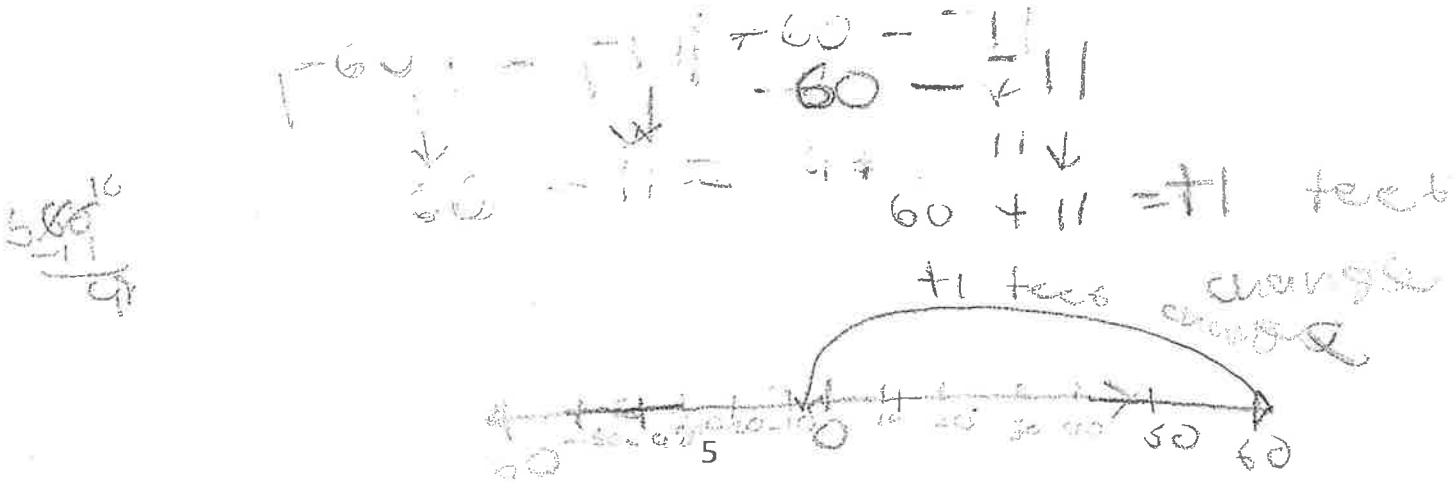
Classwork

Problem Solving Task:
Create a sketch or number line to model the following scenario.
Then write and evaluate a **subtraction expression** to solve the problem.

1. Carla is adventurous and jumped from a cliff 42 feet above sea level. She landed safely 9 feet below the surface of the water. What is the distance from the top of the cliff to where she landed in the water? Explain your answer.



2. Malia is also adventurous and jumped from a cliff with an elevation of 60 feet. She landed safely 11 feet below the surface of the water. How did Malia's elevation change from the top of the cliff to where she landed underwater? Explain your answer



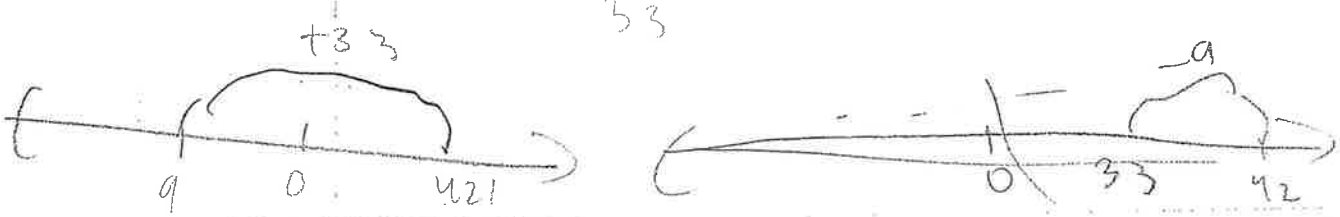
Name: Clk

Classwork

Problem Solving Task:
Create a sketch or number line to model the following scenario.
Then write and evaluate a **subtraction expression** to solve the problem.

1. Carla is adventurous and jumped from a cliff 42 feet above sea level. She landed safely 9 feet below the surface of the water. What is the distance from the top of the cliff to where she landed in the water? Explain your answer.

$$\begin{array}{r} 3 \\ 42 - 9 = 33 \text{ Ft} \\ -\ 9 \\ \hline 33 \end{array}$$

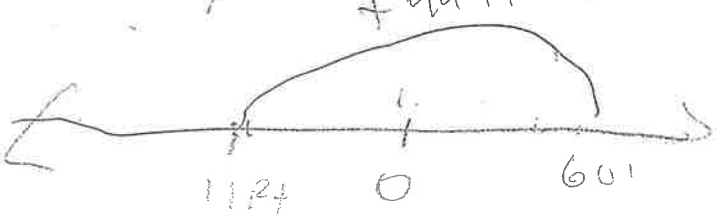


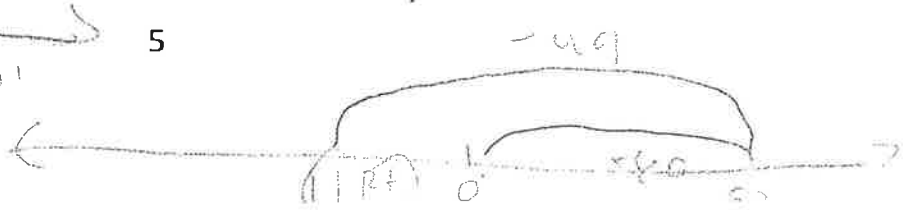
2. Malia is also adventurous and jumped from a cliff with an elevation of 60 feet. She landed safely 11 feet below the surface of the water. How did Malia's elevation change from the top of the cliff to where she landed underwater? Explain your answer

$$\begin{array}{r} 5 \\ 60 \\ -11 \\ \hline 49 \end{array}$$

$60 - 11 = 49$ Ft

Because she was 60 Ft higher than the 0 than she went down and landed 11 Ft below the surface of water.





Brooke

6th Grade Math
8.11

Name: Jasmiah [redacted]

Classwork

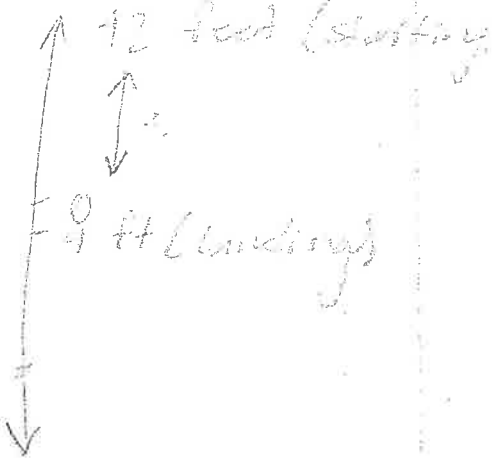
Problem Solving Task:
Create a sketch or number line to model the following scenario.
Then write and evaluate a **subtraction expression** to solve the problem.

1. Carla is adventurous and jumped from a cliff 42 feet above sea level. She landed safely 9 feet below the surface of the water. What is the distance from the top of the cliff to where she landed in the water? Explain your answer.

42

42 - (-9) = 51 ft

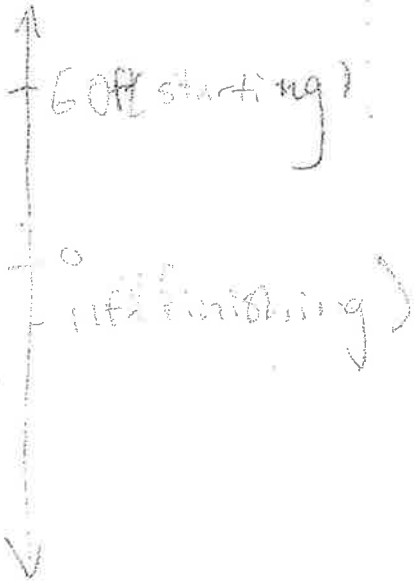
Carla traveled 51 ft in total



2. Malia is also adventurous and jumped from a cliff with an elevation of 60 feet. She landed safely 11 feet below the surface of the water. How did Malia's elevation change from the top of the cliff to where she landed underwater? Explain your answer

|60 - -11| = 71 ft

Malia changed -71 ft in total



Name: Peter

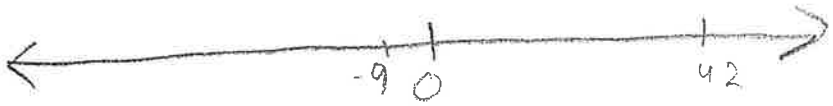
Classwork

Problem Solving Task:
Create a sketch or number line to model the following scenario.
Then write and evaluate a **subtraction expression** to solve the problem.

1. Carla is adventurous and jumped from a cliff 42 feet above sea level. She landed safely 9 feet below the surface of the water. What is the distance from the top of the cliff to where she landed in the water? Explain your answer.

$|42 - (-9)|$

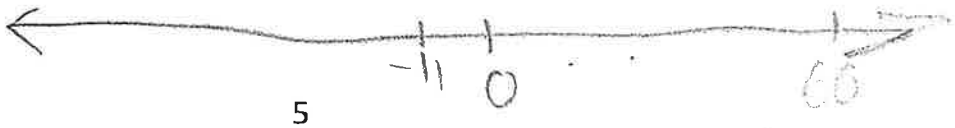
$|51| = 51$ feet



2. Malia is also adventurous and jumped from a cliff with an elevation of 60 feet. She landed safely 11 feet below the surface of the water. How did Malia's elevation change from the top of the cliff to where she landed underwater? Explain your answer

$|60 - (-11)|$

$|71| = 71$ feet

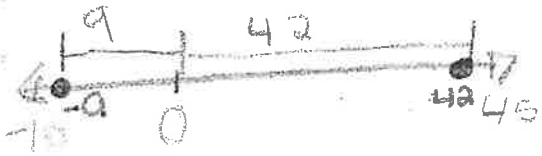


Name: Elijah

Classwork

Problem Solving Task:
Create a sketch or number line to model the following scenario.
Then write and evaluate a **subtraction expression** to solve the problem.

1. Carla is adventurous and jumped from a cliff 42 feet above sea level. She landed safely 9 feet below the surface of the water. What is the distance from the top of the cliff to where she landed in the water? Explain your answer.



51 FT

|42 − (−9)|
42 + 9
|51|

2. Malia is also adventurous and jumped from a cliff with an elevation of 60 feet. She landed safely 11 feet below the surface of the water. How did Malia's elevation change from the top of the cliff to where she landed underwater? Explain your answer

|60 − (11)|
11

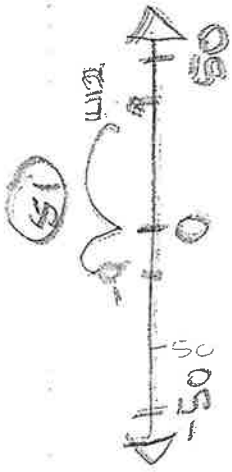
60 − 11
50
−11
39

Name: Key

Classwork

Problem Solving Task:
Create a sketch or number line to model the following scenario.
Then write and evaluate a **subtraction expression** to solve the problem.

1. Carla is adventurous and jumped from a cliff 42 feet above sea level. She landed safely 9 feet below the surface of the water. What is the distance from the top of the cliff to where she landed in the water? Explain your answer.

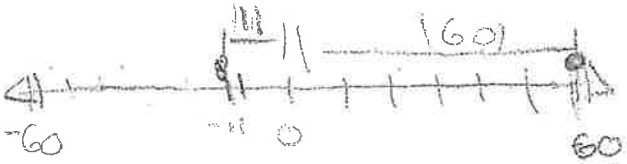


42 - (-9)
42 + 9 = 51
Or
|42 - (-9)|
|42 + 9|
51

The distance from the top of the cliff to where she landed in the water is 51 feet.

2. Malia is also adventurous and jumped from a cliff with an elevation of 60 feet. She landed safely 11 feet below the surface of the water. How did Malia's elevation change from the top of the cliff to where she landed underwater? Explain your answer

60 - (-11)



|60 - -11|
60 + 11
71 = distance

60
11
71 change

Brooke

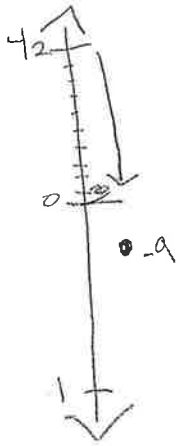
6th Grade Math
8.11

Name: Isaiah

Classwork

Problem Solving Task:
Create a sketch or number line to model the following scenario.
Then write and evaluate a **subtraction expression** to solve the problem.

1. Carla is adventurous and jumped from a cliff 42 feet above sea level. She landed safely 9 feet below the surface of the water. What is the distance from the top of the cliff to where she landed in the water? Explain your answer.

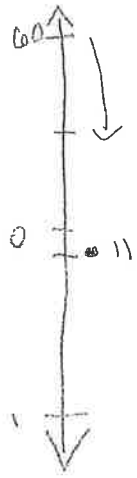


She dropped a distance of 51 feet

42
+ 9
51

2. Malia is also adventurous and jumped from a cliff with an elevation of 60 feet. She landed safely 11 feet below the surface of the water. How did Malia's elevation change from the top of the cliff to where she landed underwater? Explain your answer

60 - 11 = 49



Name: Ava-lee

Classwork

Problem Solving Task:
Create a sketch or number line to model the following scenario.
Then write and evaluate a **subtraction expression** to solve the problem.

1. Carla is adventurous and jumped from a cliff 42 feet above sea level. She landed safely 9 feet below the surface of the water. What is the distance from the top of the cliff to where she landed in the water? Explain your answer.

42 - 9

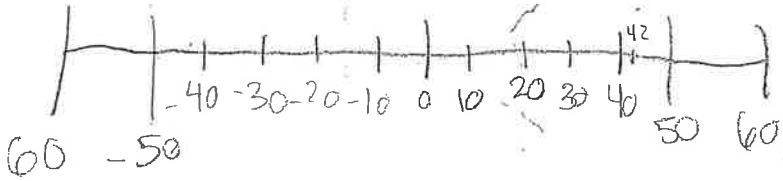
42+9

51 feet

42 - 9

I think we would do 42-9 to find the distance she fell/landed

42-9=33 feet she fell.



60 - 50

2. Malia is also adventurous and jumped from a cliff with an elevation of 60 feet. She landed safely 11 feet below the surface of the water. How did Malia's elevation change from the top of the cliff to where she landed underwater? Explain your answer

-49

in decreased as she fell until she fell in the water.

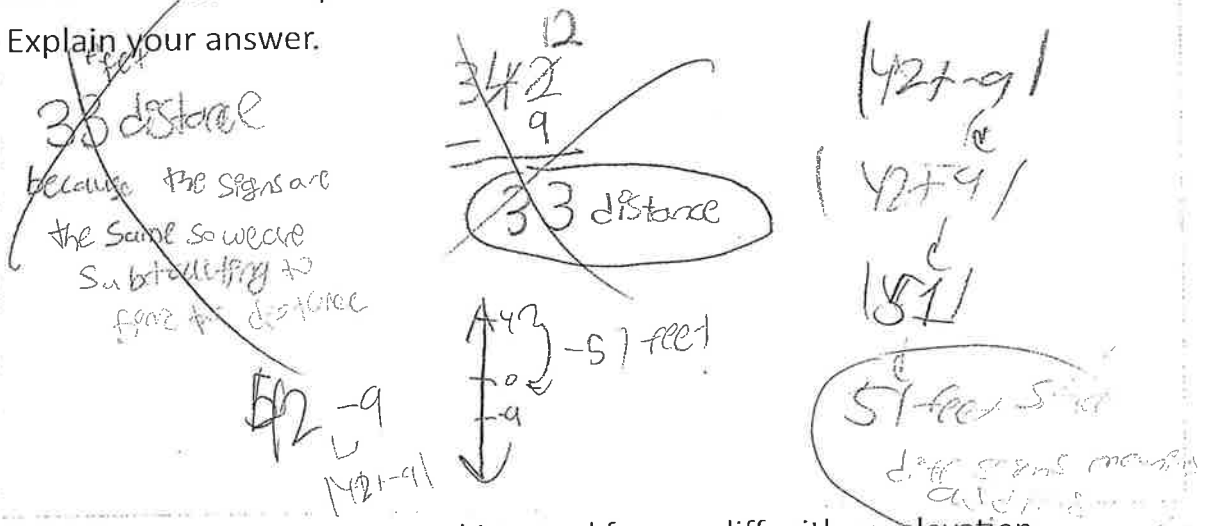
60+11=71

Name: Jaliyah M.

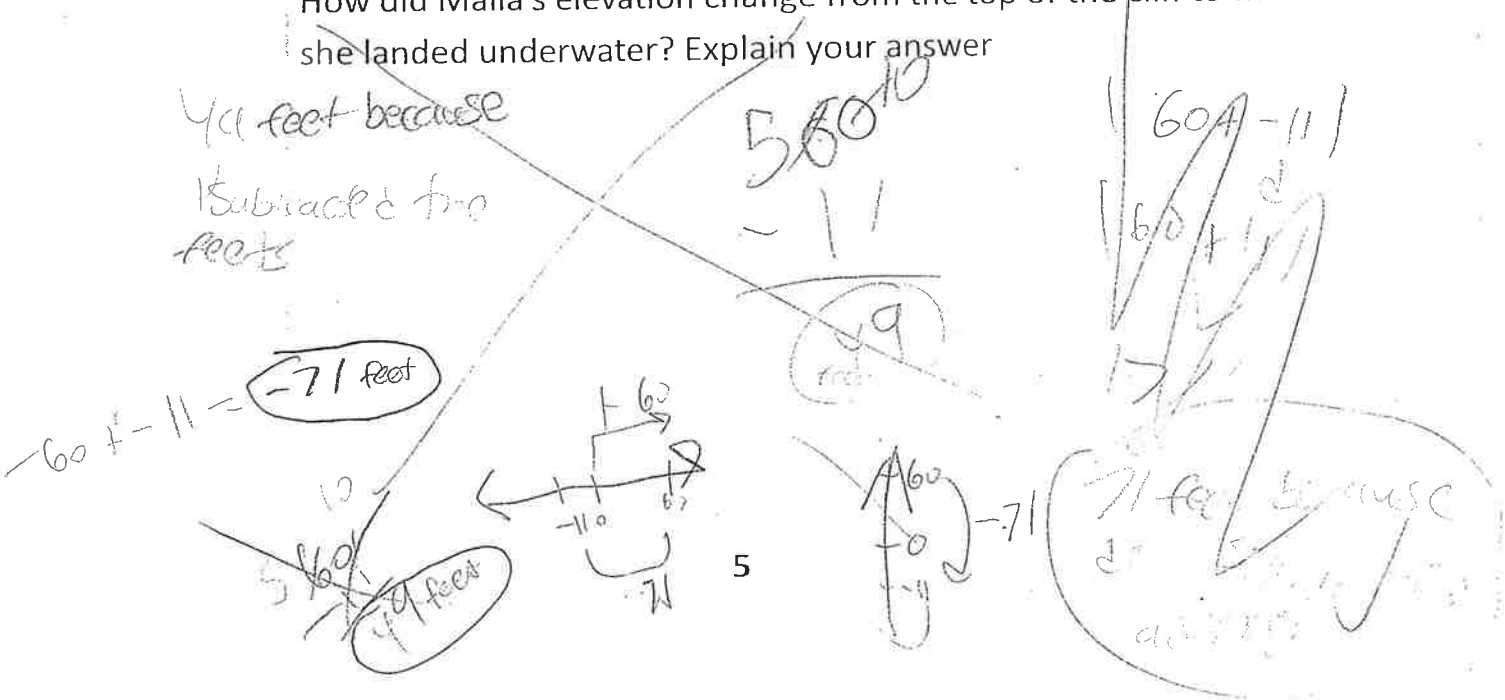
Classwork

Problem Solving Task:
Create a sketch or number line to model the following scenario.
Then write and evaluate a **subtraction expression** to solve the problem.

1. Carla is adventurous and jumped from a cliff 42 feet above sea level. She landed safely 9 feet below the surface of the water. What is the distance from the top of the cliff to where she landed in the water? Explain your answer.



2. Malia is also adventurous and jumped from a cliff with an elevation of 60 feet. She landed safely 11 feet below the surface of the water. How did Malia's elevation change from the top of the cliff to where she landed underwater? Explain your answer

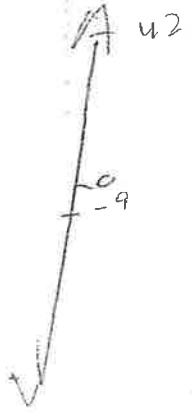


Name: John [redacted]

Classwork

Problem Solving Task:
Create a sketch or number line to model the following scenario.
Then write and evaluate a **subtraction expression** to solve the problem.

1. Carla is adventurous and jumped from a cliff 42 feet above sea level. She landed safely 9 feet below the surface of the water. What is the distance from the top of the cliff to where she landed in the water? Explain your answer.

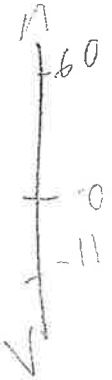


42 - (9)
51

42 + 9 = 51 51 ft

I said 51 ft bc she landed 9 ft below and below is adding

2. Malia is also adventurous and jumped from a cliff with an elevation of 60 feet. She landed safely 11 feet below the surface of the water. How did Malia's elevation change from the top of the cliff to where she landed underwater? Explain your answer.



60 + 11 = 71 ft

I said = 71 ft since I + saying the surface and it more it it below

saying below

Name: MJ

Classwork

Problem Solving Task:
Create a sketch or number line to model the following scenario.
Then write and evaluate a **subtraction expression** to solve the problem.

1. Carla is adventurous and jumped from a cliff 42 feet above sea level. She landed safely 9 feet below the surface of the water. What is the distance from the top of the cliff to where she landed in the water? Explain your answer.

$|42 - (-9)|$ $42 + 9 = 51$ feet away

It's 51 feet away because the numbers have two different signs (one is negative, one is positive) so they need to be added

2. Malia is also adventurous and jumped from a cliff with an elevation of 60 feet. She landed safely 11 feet below the surface of the water. How did Malia's elevation change from the top of the cliff to where she landed underwater? Explain your answer

$|60 - (-11)|$

Malia's elevation changed by the initial elevation being a positive and the secondary elevation being a negative