

Name: Caro W Pasari: 2

Date: _____

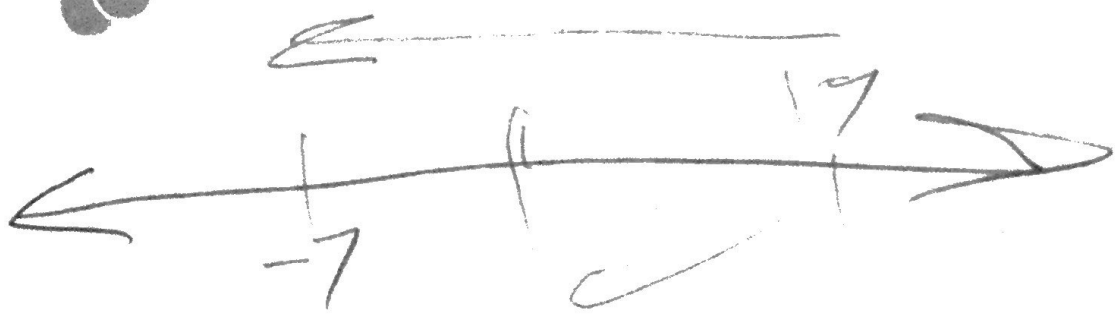
EXIT TICKET

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Teacher feedback	You mastered the learning objective today.	You are almost there.	You need more practice and feedback.

1. Two 7th grade students, Monique and Matt, both solved the following math problem:

"A diver jumps from an altitude of 17 feet above sea level and dives to a depth of 7 feet. How far did the diver jump?"

The students came up with different answers. Monique said the answer is 24 feet and Matt said the answer is 10 feet. Who is correct? Explain and support your explanation with a number line.



$$(17 - 7 = 24)$$

that
mess
work

I f you put the positive 17 subtracting
 negative seven gives you a answer of positive
 twenty-four

Name: Karla Morales

Date: 9/21/18

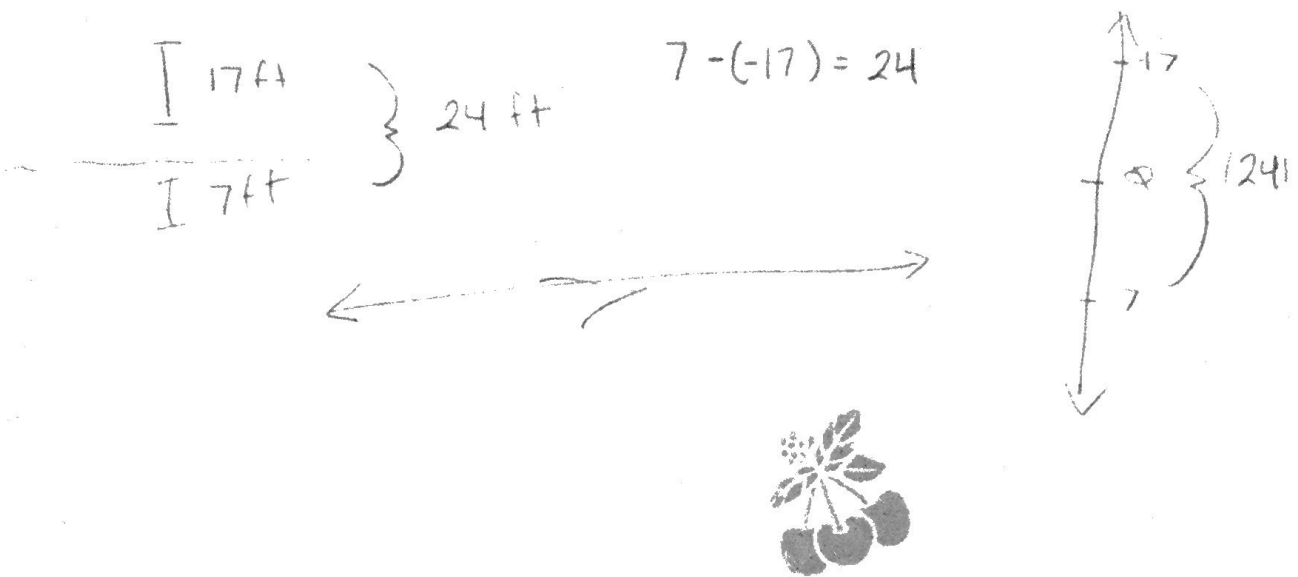
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Monique is correct because if the diver jump 17ft above sea level and dives 7 feet under, if you figure out the distance, it is 24 ft. What Matt did is subtract both distances, which is partially correct, except it has to be the absolute values of both numbers. So an example could be $7 - (-17) = 24$. Our answer would be 24 ft.

Name: Aricki Plasencia

Date: _____

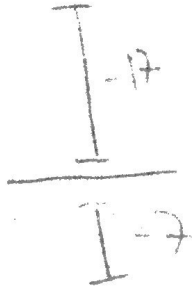
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$$17 - (-7) = 24$$



I agree with Monique because diver's altitude was 17 ft above sea level then he jumped and went 7 ft below sea level. The question is asking how far the diver jumped so you subtract both 17 and -7, but put the -7 in parentheses and get 24.

Name: Valentino Duarte

Date: August 20, 2016

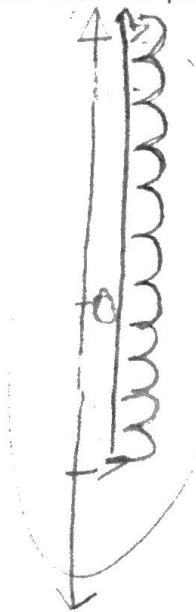
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plot
your
numbers



$$\begin{array}{r} 17 \\ + 7 \\ \hline 24 \end{array}$$

Monique's work

Monique is correct because if you add that you get 24 right now they are above and when going under that's negative

Name: Kamilah Cervantes

Date: 8/21/18

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$$17 + 7 = \textcircled{24} \text{ feet - distance}$$

Distance

I agree with Monique because it's not asking to subtract 7 from 17, but to find the total feet so you need to add $17 + 7 = 24$ feet in total.

Name: Virgilio P...

Date: _____

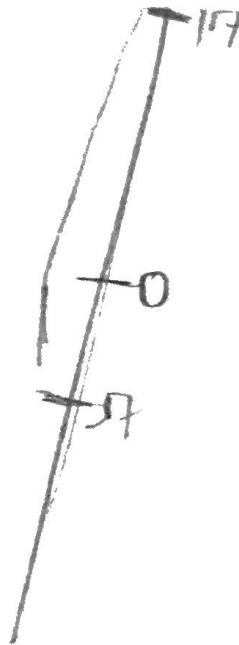
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$$|-7 - 17| = |-24| = 24$$

I agree with Monique because from 17 above going down 7 ft more is that the 17 ft is from is the 0 the 7 is when he goes the 7 adding on the 7 making 24 and Monique answer was 24 making her/his correct.

Name: Kelly Valtierra

Date: 8-21-18

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Monique is correct because when used on a number line it has marks when the numbers are, so you count down to 7 and you get the number 24. The equation is $17 - (-7) = 24$ or $|17 - -7| = |24| = 24$.

Name: Jasmin

Date: _____

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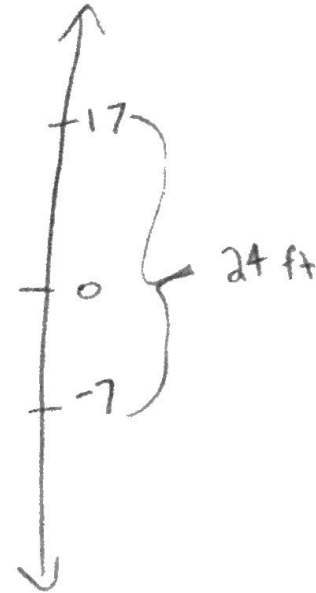
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$$17 - (-7)$$



Monique is correct because you subtract the number. If it's subtracting a negative number you add the opposite sign. I see what Matt did and it's not correct explain why

Name: Cynthia G

Date: 6/21/18

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I believe Monique is correct. The reason I think this is because the space between 17 and -7 is 24 ft. Meaning that the diver jumped 24 ft. The diver jumped 17 ft above sea level plus -7 ft below sea level.

Name: Michelle Lopez

Date: 8-21-18

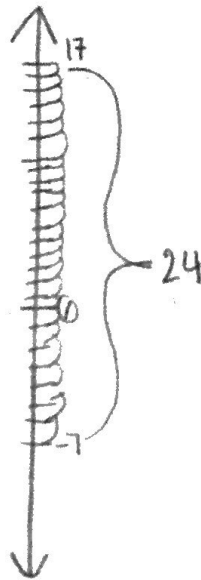
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Monique is correct because because the diver 17 feet above and then dives a depth of 7 feet. This means that you can either add 17 and 7 or you can count the spaces between using a number line.

Name: Alexander Devilla

Date: 8/21/18

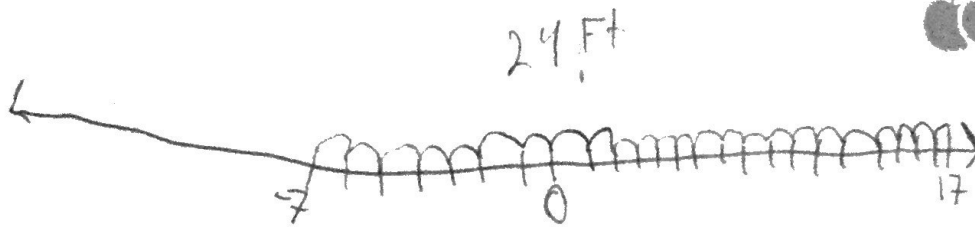
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Monique is correct because the diver jump 17 ft above the dropped 7
if you at $17 + 7 = 24$

Name: Eduardo Morena

Date: _____

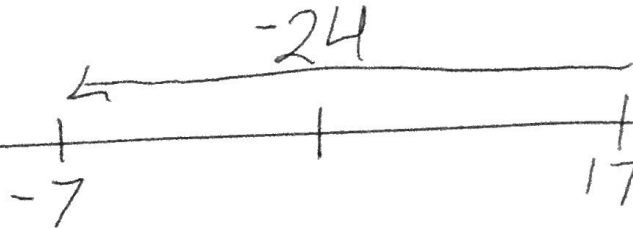
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If a diver jump 17 feet above sea level and dive 7 feet so it will be $17 - (-7) = 24$

Name: Maria Atanacio

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good!



$17 - (-7) = 24$



I agree with Monique because the diver did jump a distance of 24 feet. I know because between 17 and -7 is 24 feet. explain why she is correct. why is the math you showed correct?

Name: Pablo Vargas

Date: _____

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$$17 - (-7) = |24| = 24$$



Monique is correct because $17 - (-7) = -24$
and the absolute value of -24 is 24
great! explain why this is used to
calculate distance.