

#1

## Choose the best answer

A deep sea diver checks their altimeter at 6 feet before entering a cave. At the end of the cave their altimeter reads 10 feet. What integer represents the vertical change the deep sea diver experienced?

 4 -16 -4 16

Show your work

#2

## Choose the best answer

Mackenzie, the mountain woman, records her altitude as 9 feet before her trek and 6 feet at the end of her trek. What was her change in altitude?

 -15 -3 15 3

Show your work

#3

## Choose the best answer

The historical temperature for today of Sophia's hometown is -5 degrees, but it is currently 9 degrees. What is the change between the historical temperature and the current temperature of Sophias' hometown?

 4 -14 -4 14

Show your work

#4

Choose the best answer

Andrew, the mountain man, records his altitude as 1 foot before his trek and -1 foot at the end of his trek. What was his change in altitude?

- 2                       0
- 1                         2

Show your work

#5

Choose the best answer

On a game show, Hannah started the round with 1 point and ended with -9 points. How many points did she score during that round?

- 10                         -8
- 8                          -10

Show your work

#6

Choose the best answer

The historical temperature for today of Ava's hometown is -4 degrees, but it is currently -6 degrees. What is the change between the historical temperature and the current temperature of Avas' hometown?

- 10                         -2
- 2                          -10

Show your work

#7

Choose the best answer

On a game show, Hannah started the round with -8 points and ended with 5 points. How many points did she score during that round?

- 13                       -3  
 3                           -13

Show your work

#8

Choose the best answer

Christopher, the mountain man, records his altitude as -1 foot before his trek and 7 feet at the end of his trek. What was his change in altitude?

- 6                               8  
 -6                               -8

Show your work

#9

Choose the best answer

At the start of a football game Savannah has run for -9 yards on the season. At the end of the game the stats for the season say Savannah has run for -7 yards. How many yards did Savannah run in the game?

- 2                               -2  
 16                               -16

Show your work

#10

## Choose the best answer

Olivia likes to keep her house a consistent temperature and is upset to find a change when moving from upstairs to downstairs. If the temperature downstairs is  $-3$  degrees and the temperature upstairs is  $7$  degrees, then what integer represents the temperature change that Olivia experienced?

- 10                        $-4$   
 4                           $-10$

Show your work

#11

## Choose the best answer

Cameron, the mountain man, records his altitude as  $4$  feet before his trek and  $7$  feet at the end of his trek. What was his change in altitude?

- 3                           $-11$   
 11                          $-3$

Show your work

#12

## Choose the best answer

Ethan loves being at his summer cabin. At his home it is  $-2$  degrees. He travels to his cabin to find it is  $-10$  degrees. What integer represents the change in temperature Ethan experienced?

- $-8$                        8  
 12                          $-12$

Show your work

Question	Answer
#1	choice 1
#2	choice 2
#3	choice 4
#4	choice 1
#5	choice 4
#6	choice 2
#7	choice 1
#8	choice 2
#9	choice 1
#10	choice 4
#11	choice 1
#12	choice 1