

#1

Choose the best answer

Emma, the mountain woman, records her altitude as -40 feet before her trek and 40 feet at the end of her trek. What was her change in altitude?

- 0 80
 -1 -80

Show your work

#2

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 20 degrees and the temperature upstairs is -20 degrees, then what integer represents the temperature change that Olivia experienced?

- 40 -1
 0 -40

Show your work

#3

Choose the best answer

A deep sea diver checks their altimeter at -20 feet before entering a cave. At the end of the cave their altimeter reads 20 feet. What integer represents the vertical change the deep sea diver experienced?

- -1 40
 -40 0

Show your work

#4

Choose the best answer

Mia lives in Edmonton where the temperature is 10 degrees. She has a cousin, Darren, in Texas where the temperature is 20 degrees. If Darren were to fly from Texas to Edmonton, then what temperature change would he experience?

- 10 -30
 30 -10

Show your work

#5

Choose the best answer

The historical temperature for today of Ryan's hometown is -40 degrees, but it is currently -10 degrees. What is the change between the historical temperature and the current temperature of Ryans' hometown?

- 30 50
 -30 -50

Show your work

#6

Choose the best answer

Nathan lives in Edmonton where the temperature is -20 degrees. He has a cousin, Mackenzie, in Texas where the temperature is 30 degrees. If Mackenzie were to fly from Texas to Edmonton, then what temperature change would she experience?

- 10 50
 -10 -50

Show your work

#7

Choose the best answer

Isabelle 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 50 degrees and the temperature upstairs is -10 degrees, then what integer represents the temperature change that Isabelle experienced?

 60 -40 -60 40

Show your work

#8

Choose the best answer

The historical temperature for today of Ella's hometown is -10 degrees, but it is currently 30 degrees. What is the change between the historical temperature and the current temperature of Ellas' hometown?

 20 40 -20 -40

Show your work

#9

Choose the best answer

Christopher wants to know the difference of temperature between inside his house and the outside world. If Christopher measures the temperature at 50 degrees inside the house and then measures the temperature outside to be -20 degrees, then what change in temperature does Christopher experience?

 -70 70 30 -30

Show your work

#10

Choose the best answer

William lives in Edmonton where the temperature is 10 degrees. He has a cousin, Madison, in Texas where the temperature is 20 degrees. If Madison were to fly from Texas to Edmonton, then what temperature change would she experience?

- 30 30
 -10 10

Show your work

#11

Choose the best answer

Caleb lives in Edmonton where the temperature is -30 degrees. He has a cousin, Maya, in Texas where the temperature is -40 degrees. If Maya were to fly from Texas to Edmonton, then what temperature change would she experience?

- 70 10
 70 -10

Show your work

#12

Choose the best answer

On a game show, Jack started the round with 30 points and ended with -40 points. How many points did he score during that round?

- 10 -70
 70 10

Show your work

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