

#1

Choose the best answer

Nathan loves being at his summer cabin. At his home it is 40 degrees. He travels to his cabin to find it is -50 degrees. What integer represents the change in temperature Nathan experienced?

 90 10 -10 -90

Show your work

#2

Choose the best answer

Nathan likes to keep his house a consistent temperature and is upset to find a change when moving from upstairs to downstairs. If the temperature downstairs is -30 degrees and the temperature upstairs is -40 degrees, then what integer represents the temperature change that Nathan experienced?

 -10 70 -70 10

Show your work

#3

Choose the best answer

Maya wants to know the difference of temperature between inside her house and the outside world. If Maya measures the temperature at 20 degrees inside the house and then measures the temperature outside to be 40 degrees, then what change in temperature does Maya experience?

 60 -60 20 -20

Show your work

#4

Choose the best answer

The historical temperature for today of Kaitlyn's hometown is 30 degrees, but it is currently 50 degrees. What is the change between the historical temperature and the current temperature of Kaitlyns' hometown?

- 80 -80
- 20 -20

Show your work

#5

Choose the best answer

A deep sea diver checks their altimeter at -10 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?

- 20 -20
- 0 -1

Show your work

#6

Choose the best answer

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

- 10 10
- 30 30

Show your work

#7

Choose the best answer

The historical temperature for today of Joseph's hometown is -30 degrees, but it is currently 20 degrees. What is the change between the historical temperature and the current temperature of Josephs' hometown?

 50 10 -10 -50

Show your work

#8

Choose the best answer

Lily 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 30 degrees and the temperature upstairs is 40 degrees, then what integer represents the temperature change that Lily experienced?

 -70 -10 70 10

Show your work

#9

Choose the best answer

Sarah lives in Edmonton where the temperature is 10 degrees. She has a cousin, Dahlia, in Texas where the temperature is -10 degrees. If Dahlia were to fly from Texas to Edmonton, then what temperature change would she experience?

 0 20 -1 -20

Show your work

#10

Choose the best answer

Logan the scientist is tracking daily temperature changes for his study on parakeet migration. He records 40 degrees in the morning and 30 degrees in the evening. What is the total temperature change for that day?

 10 -10 -70 70

Show your work

#11

Choose the best answer

Angela wants to know the difference of temperature between inside her house and the outside world. If Angela measures the temperature at -10 degrees inside the house and then measures the temperature outside to be -50 degrees, then what change in temperature does Angela experience?

 60 -40 40 -60

Show your work

#12

Choose the best answer

Gavin lives in Edmonton where the temperature is -30 degrees. He has a cousin, Mia, in Texas where the temperature is 50 degrees. If Mia were to fly from Texas to Edmonton, then what temperature change would she experience?

 80 -20 20 -80

Show your work

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