#1

Choose the best answer

Dahlia wants to know the difference of temperature between inside her house and the outside world. If Dahlia measures the temperature at -1 degree inside the house and then measures the temperature outside to be 3 degrees, then what change in temperature does Dahlia experience?

○ 4

○ -2

○ -4

○ 2

Show your work

#2

Choose the best answer

Sophia 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 2 degrees and the temperature upstairs is -8 degrees, then what integer represents the temperature change that Sophia experienced?

○ 10

○ 6

○ -10

○ -6

Show your work

#3

Choose the best answer

Dylan, the mountain man, records his altitude as -9 feet before his trek and 3 feet at the end of his trek. What was his change in altitude?

○ -6

○ 12

○ 6

○ -12

Show your work

#4

Choose the best answer

William loves being at his summer cabin. At his home it is -7 degrees. He travels to his cabin to find it is 8 degrees. What integer represents the change in temperature William experienced?

- ○ −15
- ○ 1
- ○ 15
- ○ −1

Show your work

#5

Choose the best answer

Abigail, the mountain woman, records her altitude as -6 feet before her trek and 3 feet at the end of her trek. What was her change in altitude?

- ○ 9
- ○ 3
- ○ −3
- ○ −9

Show your work

#6

Choose the best answer

Madison, the mountain woman, records her altitude as -9 feet before her trek and -7 feet at the end of her trek. What was her change in altitude?

- ○ −16
- ○ 16
- ○ 2
- ○ −2

Show your work

#7

Choose the best answer

Daniel the scientist is tracking daily temperature changes for his study on parakeet migration. He records -7 degrees in the morning and 9 degrees in the evening. What is the total temperature change for that day?

○ 16   ○ 2

○ −16   ○ −2   Show your work

#8

Choose the best answer

Madison loves being at her summer cabin. At her home it is -6 degrees. She travels to her cabin to find it is -4 degrees. What integer represents the change in temperature Madison experienced?

○ 10   ○ −2

○ 2   ○ −10   Show your work

#9

Choose the best answer

Madison loves being at her summer cabin. At her home it is -3 degrees. She travels to her cabin to find it is -6 degrees. What integer represents the change in temperature Madison experienced?

○ 3   ○ 9

○ −9   ○ −3   Show your work

#10

Choose the best answer

Gavin lives in Edmonton where the temperature is 3 degrees. He has a cousin, Cameron, in Texas where the temperature is -7 degrees. If Cameron were to fly from Texas to Edmonton, then what temperature change would he experience?

○ −4   ○ −10

○ 4   ○ 10   Show your work

#11

Choose the best answer

Andrew wants to know the difference of temperature between inside his house and the outside world. If Andrew measures the temperature at 6 degrees inside the house and then measures the temperature outside to be 4 degrees, then what change in temperature does Andrew experience?

○ 10   ○ −2

○ −10   ○ 2   Show your work

#12

Choose the best answer

At the start of a football game Connor has run for 2 yards on the season. At the end of the game the stats for the season say Connor has run for -3 yards. How many yards did Connor run in the game?

○ 5   ○ −5

○ 1   ○ −1   Show your work

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