#1

Choose the best answer

Isabella lives in Edmonton where the temperature is 5 degrees. She has a cousin, Matilda, in Texas where the temperature is -6 degrees. If Matilda were to fly from Texas to Edmonton, then what temperature change would she experience?

○ −1   ○ 1

○ 11   ○ −11   Show your work

#2

Choose the best answer

Kevin loves being at his summer cabin. At his home it is -10 degrees. He travels to his cabin to find it is -7 degrees. What integer represents the change in temperature Kevin experienced?

○ 17   ○ −3

○ 3   ○ −17   Show your work

#3

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

#4

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

#5

Choose the best answer

Zoe loves being at her summer cabin. At her home it is -8 degrees. She travels to her cabin to find it is 10 degrees. What integer represents the change in temperature Zoe experienced?

○   18   ○   −2

○   −18   ○   2   Show your work

#6

Choose the best answer

A deep sea diver checks their altimeter at 4 feet before entering a cave. At the end of the cave their altimeter reads -1 foot. What integer represents the vertical change the deep sea diver experienced?

○   5   ○   −5

○   3   ○   −3   Show your work

#7

Choose the best answer

On a game show, Isabella started the round with -3 points and ended with -5 points. How many points did she score during that round?

- ○ −2
- ○ 2
- ○ 8
- ○ −8

Show your work

#8

Choose the best answer

Brayden loves being at his summer cabin. At his home it is -6 degrees. He travels to his cabin to find it is -5 degrees. What integer represents the change in temperature Brayden experienced?

- ○ 11
- ○ −1
- ○ 1
- ○ −11

Show your work

#9

Choose the best answer

The historical temperature for today of Cameron's hometown is -2 degrees, but it is currently -4 degrees. What is the change between the historical temperature and the current temperature of Camerons' hometown?

- ○ 6
- ○ 2
- ○ −6
- ○ −2

Show your work

Play online at http://www.mathgames.com/skill/7.70

#10

Choose the best answer

A deep sea diver checks their altimeter at -4 feet before entering a cave. At the end of the cave their altimeter reads 9 feet. What integer represents the vertical change the deep sea diver experienced?

○ -13 ○ -5

○ 5   ○ 13   Show your work

#11

Choose the best answer

The historical temperature for today of Isabella's hometown is 8 degrees, but it is currently -1 degree. What is the change between the historical temperature and the current temperature of Isabellas' hometown?

○ -7 ○ 7

○ -9 ○ 9   Show your work

#12

Choose the best answer

Sydney 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 -8 degrees and the temperature upstairs is 9 degrees, then what integer represents the temperature change that Sydney experienced?

○ 1   ○ -17

○ -1 ○ 17   Show your work

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

Math Games