

Addition and Subtraction of Integers Applications

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Name

Everest, the highest elevation in Asia, is 29,028 feet above sea level. The Dead Sea, the lowest elevation, is 1,312 feet below sea level. What is the difference between these two elevations?

In Buffalo, New York, the temperature was -14°F in the morning. If the temperature dropped 7°F , what is the temperature now?

A submarine was situated 800 feet below sea level. If it ascends 250 feet, what is its new position?

Jack borrowed \$25 from his Mom. He mowed the lawn and earned \$15. How much does Jack owe his mom?

Roman Civilization began in 509 B.C. and ended in 476 A.D. How long did Roman Civilization last?

Antarctica has the lowest recorded temperature of -189°F . Iran has the highest recorded temperature at 159°F . What is the difference in the highest and lowest temperatures in the world?

A submarine was situated 450 feet below sea level. If it descends 300 feet, what is its new position?

In the Sahara Desert one day it was 136°F . In the Gobi Desert a temperature of -50°F was recorded. What is the difference between these two temperatures?

The Punic Wars began in 264 B.C. and ended in 146 B.C. How long did the Punic Wars last?

Metal mercury at room temperature is a liquid. Its melting point is -39°C . The freezing point of alcohol is -114°C . How much warmer is the melting point of mercury than the freezing point of alcohol?

To play a game on a game board, Drew puts his game piece on START. On his first turn, he moves his game piece ahead 7 spaces. On his second turn, Drew moves his game piece back 4 spaces. How many spaces away from START is his game piece now?

Frita's game piece is on square 24 of a game board. She draws a card that says, "Move back 4 spaces." Then she draws a card that says, "Move back 2 spaces." On which square is Frita's game piece now?

The temperature outside is 0. If the temperature drops 14 overnight, what was the overnight low temperature?

The temperature outside is -16. Then the temperature rises 20 degrees. What is the current outdoor temperature?

An ant crawls 14 centimeters down into an ant hole. It then crawls 6 centimeters up to the queen's nest. Write and solve an addition sentence that gives the location of the ant.

Monarch butterflies travel an average of about 15 feet off the ground. One butterfly flies to a height of 22 feet. Tell how much higher it flies than average.

Harry loaned his friend \$20 to go to the movie. His friend then borrowed another \$20 for a new game. How much does the friend owe him?

Plankton (microscopic animals) float on the top of a pond at night to feed. They drop to the bottom of the pond during the day. Express their daytime location as a negative number if the top of the pond is at sea level and the pond is 4 feet deep.

At 2 P.M., the temperature was -9 degrees. If the temperature drops 20 degrees, what is the new temperature?

During a high school basketball game, the home team scored 51 points and the opponents scored 62 points. What is the point differential (the difference between the number of points scored by a team and its opponent) for the home team?