

Name _____ Period _____ Date _____

Integers Around Us

Directions:

- 1) Read the problem **TWICE**.
- 2) Underline the key information.
- 3) Write a number sentence for the situation.
- 4) Be sure your answer is **REASONABLE** and has **UNITS**.
- 5) As you work, fill in the **words** or **situations** that tell you to...

<u>ADD</u>	<u>SUBTRACT</u>
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<u>Question</u>	<u>Expression, work, picture, #line</u>	<u>Answer w/ units</u>
Ex) In Fairbanks, Alaska, the average January temperature is -13°F , while the average April temperature is 30°F . What is the difference between the average temperatures?		
1) A submarine is below the surface of the water at a depth of -40 ft. dives 57 more. What is the new depth of the submarine?		
2) New Orleans, Louisiana, is 6 feet below sea level. The highest point in Louisiana, Driskill Mountain, is 541 feet higher than New Orleans. How high is Driskill Mountain?		
3) At 3:00 PM, the temperature was 9°F . By 11:00 PM, it had dropped 31°F . What was the temperature at 11:00 PM?		

4) Tad owes John \$23 and borrows \$12 more. How much does Tad owe John now?		
5) A diving bird on a cliff 395 feet above sea level dives 403 feet to catch a fish. How far below the surface of the water is the fish?		
6) A rocket fired upward from a cliff went up 320 feet, went down 412 feet, then hit the ground. How tall is the cliff?		
7) The temperature fell from 44°F to -56°F in 24 hours in Browning, Montana, on January 23-24, 1916. By how many degrees did the temperature change?		
8) The daytime high temperature on the Moon can reach 130°C. At night, the temperature can drop to -110°C. What is the difference between the high and low temperatures?		
9) The highest point in North America is Mt. McKinley, Alaska, at 20,320 feet about sea level. The lowest point is Death Valley, California, at 282 feet below sea level. What is the difference in elevations?		