

Name _____

Period _____

Integers

Solve.

1. During an electronics experiment, you measure the -14 volts on terminal A of your newly designed circuit. After adjusting the circuit, you measure -21 volts. What is the voltage difference between the two readings?	2. The temperature outside in the morning was 9° F. By late afternoon, the temperature drops 14° F. What is the new temperature?	3. Mt Everest's elevation is 29,028 feet above sea level. The Dead Sea is 1,312 feet below sea level. What is the difference between these two elevations?
4. A submarine was 745 feet below sea level. If it ascends 275 feet, what is its new position?	5. DeSean had possession of the football four times in a recent game. He gained 21 yards, -7 yards, 12 yards and -3 yards. What was his total yardage gained?	6. The Sahara Desert had a temperature of 126° F. The Gobi Desert had a temperature of -49° F. What is the difference between the two temperatures?
7. Metal mercury has a melting point of -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?	8. Kayla started the week with \$48 in her bank account. She deposited \$35 she earned from babysitting. Then she withdrew \$22 to buy a shirt. What is her final balance of her bank account?	9. When John began skiing, the temperature was 8 degrees below zero. After sledding for a few hours, the temperature was now 2 degrees. By how many degrees had the temperature increased?
10. The Bigtown Bears football team are on the 25 yard line. They lose 3 yards, gain 8 yards and then lose 2 yards. What yard line are the Bears after those three plays?	11. A plane is flying at 10,000 feet. The plane climbs 17,000 feet to approach cruising altitude. Then it descends 24,920 feet. What is the new altitude of the plane?	12. Roman Civilization began in 509 B.C. and ended in 476 A.D. How long did Roman Civilization last?