Unit 1 mid-Test Study Guide Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Pd\_\_\_\_\_\_\_\_\_\_\_

|  |
| --- |
| 1. What integer represents 12 feet below sea level?\_\_\_\_\_ 2. What is the value of : \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ |
| 1. What is the value of each letter on the number line? S=\_\_\_\_\_ T=\_\_\_\_\_ |
| 1. A hot air balloon rises 3 feet per hour for 2 hours. Write an expression to describe this situation.   \_\_\_\_\_\_\_\_\_\_\_\_\_\_     1. Pat has $50 in the bank. She withdraws $20 and spends it. Write an expression to describe this situation. \_\_\_\_\_\_\_\_\_\_\_\_\_ 2. The shark was 25 feet under water. He goes down another 12 feet. What is his new depth?\_\_\_\_\_ 3. The temperature was 23 degrees at sundown. After midnight, it was -6 degrees. What is the difference between these two temperatures?\_\_\_\_\_ |
| What is the value of each expression?   1. 5+4=\_\_\_\_\_ 9. -12+-3=\_\_\_\_\_ 10. -6+11=\_\_\_\_\_ 11. 14+-4=\_\_\_\_\_   12. 8-12=\_\_\_\_\_ 13. -5-(-8)=\_\_\_\_\_ 14. -9-13=\_\_\_\_\_ 15. 6-(-8)=\_\_\_\_\_  16. -3(5)=\_\_\_\_\_ 17. -7(-3)=\_\_\_\_\_ 18. =\_\_\_\_\_ 19. =\_\_\_\_\_ |
| What is the value of each expression if x=-2 and z=4  20. \_\_\_\_\_ 21. \_\_\_\_\_ 22. \_\_\_\_\_ 23. \_\_\_\_\_ |