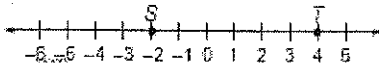


1. What integer represents 12 feet below sea level? -12
2. What is the value of: $|5|$ 5 $|-2|$ 2 $-|-12|$ -12

3. What is the value of each letter on the number line? S = -2 T = 4



4. A hot air balloon rises 3 feet per hour for 2 hours. Write an expression to describe this situation. 3 · 2
5. Pat has \$50 in the bank. She withdraws \$20 and spends it. Write an expression to describe this situation. 50 + -20
6. The shark was 25 feet under water. He goes down another 12 feet. What is his new depth? -37
7. The temperature was 23 degrees at sundown. After midnight, it was -6 degrees. What is the difference between these two temperatures? 29

What is the value of each expression?

8. $5+4=$ 9
9. $-12+3=$ -15
10. $-6+11=$ 5
11. $14+4=$ 10
12. $8-12=$ -4
13. $-5-(-8)=$ 3
14. $-9-13=$ -22
15. $6-(-8)=$ 14
16. $-3(5)=$ -15
17. $-7(-3)=$ 21
18. $6 \div (-3)=$ -2
19. $\frac{-15}{-5}=$ 3

What is the value of each expression if $x=-2$ and $z=4$

20. xz -8
21. $-6+z$ -2
22. $\frac{12}{x}$ -6
23. $x-z$ -6

-2 - 4
-2 + -4
-6