NAME_____**DATE**_____**PERIOD**_____

UNIT 1 TEST REVIEW: INTEGERS & OPERATIONS

SIMPLIFY.

1. $18 - 5 \cdot 2 =$ _____	2. $6 + 2(4 + 3) =$ _____
3. $4 + 3 \cdot 2 + 10 \div 5 =$ _____	4. $8 \div 4 + 5 - 12 \div 3 + 4 \cdot 2 =$_____
5. $\frac{15-3\cdot 2}{11-4\cdot 2} =$ _____	6. $\frac{3+4\cdot 6+1}{2(6-4)} =$ _____
7. $4 + (9 - 3) \cdot 2^2 =$ _____	8. Name the integer that describes 50 meters above sea level. _____
9. Name the integer that describes 6 feet below ground. _____	10. Which number is larger? -6 or -3
11. Which number is smaller? -9 or -4	12. Which two numbers have an absolute value of 2? _____ and _____
13. Which number is larger? $\|-14\|$ or $\|-12\|$	14. $3\|-7\| - 6 =$ _____

15. $-\lvert 10-2\rvert =$ _____	16. $-\left\lvert -15+\lvert -9\rvert\right\rvert =$ _____
17. $-8+2=$ _____	18. $-3+(5-9)=$ _____
19. $-7-(-4)=$ _____	20. $-14-6+8+13=$ _____
21. $11-(8-15)=$ _____	22. $9+12-7-2+13=$ _____
23. $(-3)(2)(-5)=$ _____	24. $(-8)(4)=$ _____
25. $-28\div -7=$ _____	26. $\frac{-24\div -4}{-2}=$ _____
27. $\frac{-1}{3}\div\left(\frac{-1}{9}\right)=$ _____	28. $10-3-[11-(-4)]=$ _____

Evaluate each expression when $w=12$, $x=5$, $y=-6$, and $z=-4$.

29. $9x+y=$ _____	30. $2w-z+3=$ _____

31. $\lvert x - 2z + (-w) \rvert =$ _____	32. $2(x + w) - y =$_____

Simplify each expression.

33. $9r - 5r - 6r =$ _____	34. $3c - 8 + 6 - c =$ _____
35. $5a + 7a - 10b + 5b =$ _____	36. $9a - 2(6a + 3) =$ _____
37. $2(3t - 5) - 3(4t + 1) =$_____	38. $5(2y + 3x) + 6(y + x) =$ _____

Simplify each expression. THEN, evaluate for $m = 3$, $n = -4$, and $p = -2$.

39. $4m + 3n - 2m + n$	Simplest form: _____ Evaluation: _____
40. $7(m - n) - 3(p + 2m)$	Simplest form: _____ Evaluation: _____

41. $-2(n+m)+2n+3m$ Simplest form: _____

Evaluation: _____

Name the property illustrated.

42. $7+(p+q)=(p+q)+7$ _____

43. $7(pq)=(7p)q$ _____

44. $7(p+q)=7p+7q$ _____

45. $7(p+q)=7(q+p)$ _____

46. $7+(p+q)=(7+p)+q$ _____

ANSWERS TO REVIEW