Name Hour Date

Integer Order of Operations Worksheet

*underline your first step

All work must be shown for credit.

1. $6-15\div 3$

2. $-10\div 2+1$

3. $3(4-7)-(-6)$

4. $1-(9-4)\div 5$

5. $7-(-2)^3$

6. $(-2)^3-(-5)$

7. $2(-6+2)\div 4$

8. $7-3(4-5)$

9. $8-(-4)^2-5$

10. $-7+1^2+2$

11. $-3^3-6(-2)-2$

12. $5\cdot 3-(-3)^3$

13. $-8(2-6)\div 2$

14. $4(6-9)\div 6$

15. $-8(2-5)\div(-4)$

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16. $8-3\cdot 2-33\div 11$

17. $9-3(6\div 2)$

18. $(-3)^2-(-2)^2-1$

19. $7\cdot 2-5\cdot 3$

20. $20\div 4-14\div 2$

21. $2^3-6\cdot 2+3$

22. $(-3)^2\cdot(5-7)^2-(-9)\div 3$

23. $1^3-6\div(-3)$

24. $4\cdot 5-10-2(1-2)+5$

25. $(-1)\cdot(2-6)^2 \div 8+8-3\cdot 4$ **26.** $5-(-3)^2-6$ **27.** $10\div 5-(-2)^2$

28. $20-2\cdot 7+1-(-3)+10$

Given $w=-1$, $x=6$, $y=3$, and $z=-2$; evaluate the following:

29. $4w+2y$ **30.** $x-3(-z)$ **31.** $xy\div z$

32. $9z\div x$ **33.** x^2-y^2 **34.** y^2-z^2

35. $\dfrac{2x+y}{z+w}$ **36.** $\dfrac{3x-z}{-w}$ **37.** $\dfrac{x+w}{y-z}$

38. $\dfrac{xy}{z}\div w$ **39.** $(-x+z)^2\div 8$ **40.** $(y+z)^2+(w-x)^2$

ANSWERS

1. 1 **3.** –3 **5.** 15 **7.** –2 **9.** –13 **11.** –17 **13.** 16 **15.** –6 **17.** 0 **19.** –1 **21.** –1 **23.** 3
25. –6 **27.** –2 **29.** 2 **31.** –9 **33.** 27 **35.** –5 **37.** 1 **39.** 8