

Integer Order of Operations Worksheet

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

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

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

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

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

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

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

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

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

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