

Order of Operations

Show your work.

Worksheet # 6

Name: _____

1. $(3^3 + 7) - 1$

2. $(2^3 - 5^2 \times 7^3) + 1$

3. $8^3 \times (2^2 + 7 - 7) + 5$

4. $4 + (9^2 - 7) \times 7$

5. $(9^2 + 5) - 8^3 + 1$

6. $(4^2 \times 2^2 \div 8)$

7. $(2 \times 7 \times 8)$

8. $(5 \times 9 \times 1^2) \div 5 \times 2$

9. $(8^3 - 2^2) \times 3$

10. $(3 + 5) + 8$

11. $5^3 \div (7^3 \div 7^3) \times 6$

12. $(5 \times 3 + 4^2) + 2$

13. $(5 + 9^2 \times 2^2) - 9 \times 7$

14. $(1 - 5) - 9^2 + 2$

15. $6 + (7^3 \div 7) - 6 - 3 = 46$

16. $(3 + 4^2 + 8) = 27$

17. $8^2 \times (1 \times 1^3 - 9 \times 8)$

18. $(8 - 6 + 9) + 3 - 6$

19. $3 \times (7 - 6) \times 7$

20. $(3^2 + 8^2 + 9)$

Order of Operations**Show your work.****Worksheet # 6:** Answers

1. $(3^3 + 7) - 1 = 33$

2. $(2^3 - 5^2 \times 7^3) + 1 = -8566$

3. $8^3 \times (2^2 + 7 - 7) + 5 = 2053$

4. $4 + (9^2 - 7) \times 7 = 522$

5. $(9^2 + 5) - 8^3 + 1 = -425$

6. $(4^2 \times 2^2 \div 8) = 8$

7. $(2 \times 7 \times 8) = 112$

8. $(5 \times 9 \times 1^2) \div 5 \times 2 = 18$

9. $(8^3 - 2^2) \times 3 = 1524$

10. $(3 + 5) + 8 = 16$

11. $5^3 \div (7^3 \div 7^3) \times 6 = 750$

12. $(5 \times 3 + 4^2) + 2 = 33$

13. $(5 + 9^2 \times 2^2) - 9 \times 7 = 266$

14. $(1 - 5) - 9^2 + 2 = -83$

15. $6 + (7^3 \div 7) - 6 - 3 = 46$

16. $(3 + 4^2 + 8) = 27$

17. $8^2 \times (1 \times 1^3 - 9 \times 8) = -4544$

18. $(8 - 6 + 9) + 3 - 6 = 8$

19. $3 \times (7 - 6) \times 7 = 21$

20. $(3^2 + 8^2 + 9) = 82$