

Order of Operations**Show your work.****Worksheet # 3**

Name: _____

1. $4^2 + (1 \times 5 + 7^2) + 8$

2. $6^2 \div (2 - 8) + 1 - 8$

3. $(6^2 \times 7) \div 2$

4. $9 - (5^2 + 7) \div 2$

5. $(6 + 8 - 2)$

6. $(1 - 4^2) \times 2$

7. $5 + (4^3 + 1) + 8$

8. $(4 + 8) + 1$

9. $(2^2 + 9 \div 1)$

10. $(3 + 8 - 1)$

11. $3^2 + 9^2 - (8 + 7) \div 5$

12. $2 + 3 \times (8 + 5^3 \div 1)$

13. $(3^2 \times 3 + 4 + 2) - 1$

14. $(4^3 \times 3^2 \div 4)$

15. $(9 \times 9^3 + 4)$

16. $5 - 9 + (7 \times 2^2 - 8)$

17. $(8 - 3^2) - 8$

18. $(5^3 + 3 - 2^3 + 6 - 8)$

19. $(2 \times 5 \div 5)$

20. $(1^2 \times 7) \times (8^2 - 8) \times 1$

<http://math.about.com>Score: **/20**

Order of Operations**Show your work.****Worksheet # 3: Answers**

1. $4^2 + (1 \times 5 + 7^2) + 8 = 78$

2. $6^2 \div (2 - 8) + 1 - 8 = -13$

3. $(6^2 \times 7) \div 2 = 126$

4. $9 - (5^2 + 7) \div 2 = -7$

5. $(6 + 8 - 2) = 12$

6. $(1 - 4^2) \times 2 = -30$

7. $5 + (4^3 + 1) + 8 = 78$

8. $(4 + 8) + 1 = 13$

9. $(2^2 + 9 \div 1) = 13$

10. $(3 + 8 - 1) = 10$

11. $3^2 + 9^2 - (8 + 7) \div 5 = 87$

12. $2 + 3 \times (8 + 5^3 \div 1) = 401$

13. $(3^2 \times 3 + 4 + 2) - 1 = 32$

14. $(4^3 \times 3^2 \div 4) = 144$

15. $(9 \times 9^3 + 4) = 6565$

16. $5 - 9 + (7 \times 2^2 - 8) = 16$

17. $(8 - 3^2) - 8 = -9$

18. $(5^3 + 3 - 2^3 + 6 - 8) = 118$

19. $(2 \times 5 \div 5) = 2$

20. $(1^2 \times 7) \times (8^2 - 8) \times 1 = 392$