

**Order of Operations****Show your work.****Worksheet # 4**

Name: \_\_\_\_\_

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

2.  $(2 \times 6^3 + 6^3 \times 1^2 + 2)$

3.  $(4 \div 1) \times 1$

4.  $(6 \times 3) \times 7$

5.  $(6 - 5^2) + 3^3 \times 2$

6.  $(1 - 6 - 3)$

7.  $5^2 + 9 + (2^2 \times 1^3 \times 5)$

8.  $(7^2 \div 1 - 8) + 7^3 + 4$

9.  $(9^2 - 3) + 9$

10.  $(3^3 + 9) \times (1 + 9 - 2)$

11.  $9 + 9 + (6^2 - 6) \times 4$

12.  $5 - (3 - 3) + 6^3 \div 1$

13.  $6 + 1 \times (9 - 4) + 6$

14.  $(6 \div 6) \times (2^2 + 8) \div 1$

15.  $(2^2 \times 4 \times 3)$

16.  $(1^3 - 6) \div 5 = -1$

17.  $(7 - 2^2 + 3)$

18.  $4^3 \times (6 + 8) \div 1 = 896$

19.  $4 \times (9^2 \div 6 \times 5)$

20.  $(5 \times 8^2) + 9$

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**Order of Operations**  
**Show your work.**

**Worksheet #4: Answers**

1.  $(2^3 + 5 \times 8) = 48$

2.  $(2 \times 6^3 + 6^3 \times 1^2 + 2) = 650$

3.  $(4 \div 1) \times 1 = 4$

4.  $(6 \times 3) \times 7 = 126$

5.  $(6 - 5^2) + 3^3 \times 2 = 35$

6.  $(1 - 6 - 3) = -8$

7.  $5^2 + 9 + (2^2 \times 1^3 \times 5) = 54$

8.  $(7^2 \div 1 - 8) + 7^3 + 4 = 388$

9.  $(9^2 - 3) + 9 = 87$

10.  $(3^3 + 9) \times (1 + 9 - 2) = 288$

11.  $9 + 9 + (6^2 - 6) \times 4 = 138$

12.  $5 - (3 - 3) + 6^3 \div 1 = 221$

13.  $6 + 1 \times (9 - 4) + 6 = 17$

14.  $(6 \div 6) \times (2^2 + 8) \div 1 = 12$

15.  $(2^2 \times 4 \times 3) = 48$

16.  $(1^3 - 6) \div 5 = -1$

17.  $(7 - 2^2 + 3) = 6$

18.  $4^3 \times (6 + 8) \div 1 = 896$

19.  $4 \times (9^2 \div 6 \times 5) = 270$

20.  $(5 \times 8^2) + 9 = 329$