

Order of Operations

Show your work.

**Worksheet # 5**

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

1.  $(7 - 5^3) + 5$

2.  $7^3 + (8 \div 1^2 - 5)$

3.  $(9^2 \times 4 - 6)$

4.  $(5^2 \times 2^2 - 8)$

5.  $(9 - 5) \div (8 \div 8) + 1$

6.  $1^2 + (1^2 - 5^2) + 9$

7.  $(4^2 - 1^3) \times (5 - 9 - 6)$

8.  $(1 + 2^3 \div 4) + 5^3 + 8$

9.  $(1^2 \div 1) - 9 - 4$

10.  $(2^3 + 6^2 - 3^2 + 9 \times 3)$

11.  $(7 \times 4^3 + 1) + 9 \times 8$

12.  $(1^2 \div 1 + 6)$

13.  $4^2 - (9 \times 7^3) - 4^3 + 8$

14.  $3 - 2^2 - (7^3 + 2^2) + 6$

15.  $5 - (6 + 2^2) + 9^2 - 2$

16.  $9^3 + (5^2 + 6 \div 2)$

17.  $9 + (4 \times 4^2 - 4)$

18.  $(7 + 1) + 2$

19.  $1 + (9 + 6) + 3$

20.  $(4^3 - 9 + 4)$

Order of Operations  
Show your work.

**Worksheet # 5:** Answers

1.  $(7 - 5^3) + 5 = -113$

2.  $7^3 + (8 \div 1^2 - 5) = 346$

3.  $(9^2 \times 4 - 6) = 318$

4.  $(5^2 \times 2^2 - 8) = 92$

5.  $(9 - 5) \div (8 \div 8) + 1 = 5$

6.  $1^2 + (1^2 - 5^2) + 9 = -14$

7.  $(4^2 - 1^3) \times (5 - 9 - 6) = -150$

8.  $(1 + 2^3 \div 4) + 5^3 + 8 = 136$

9.  $(1^2 \div 1) - 9 - 4 = -12$

10.  $(2^3 + 6^2 - 3^2 + 9 \times 3) = 62$

11.  $(7 \times 4^3 + 1) + 9 \times 8 = 521$

12.  $(1^2 \div 1 + 6) = 7$

13.  $4^2 - (9 \times 7^3) - 4^3 + 8 = -3127$

14.  $3 - 2^2 - (7^3 + 2^2) + 6 = -342$

15.  $5 - (6 + 2^2) + 9^2 - 2 = 74$

16.  $9^3 + (5^2 + 6 \div 2) = 757$

17.  $9 + (4 \times 4^2 - 4) = 69$

18.  $(7 + 1) + 2 = 10$

19.  $1 + (9 + 6) + 3 = 19$

20.  $(4^3 - 9 + 4) = 59$