

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

Level: Advanced

## Order of Operations

**Step 1:** Solve the part in parenthesis ( ) and the exponents.

**Step 2:** Multiply and divide.

**Step 3:** Add and subtract.

1.  $(2.4 + 3.5) \times 2 =$  \_\_\_\_\_

2.  $5^2 \times 10 - 12^2 =$  \_\_\_\_\_

3.  $(.9 + 1.1)^2 - (11^2 - 117) =$  \_\_\_\_\_

4.  $10^3 - (21 \div 7) =$  \_\_\_\_\_

5.  $(4.2 + 1.12) \times 3 =$  \_\_\_\_\_

6.  $(1^8 \times 10^2) - 7^2 + 2^3 =$  \_\_\_\_\_

7.  $1\frac{1}{2} + 2\frac{1}{2} + 10^2 =$  \_\_\_\_\_

8.  $4^3 - (125 \div 25) =$  \_\_\_\_\_

9.  $(6.88 \div 2) - (9.3 - 9.03) =$  \_\_\_\_\_

10.  $1\frac{1}{2} + 2\frac{1}{4} + 6^2 =$  \_\_\_\_\_

# ANSWER KEY

## Order of Operations

**Step 1:** Solve the part in parenthesis ( ) and the exponents.

**Step 2:** Multiply and divide.

**Step 3:** Add and subtract.

1.  $(2.4 + 3.5) \times 2 = \underline{11.8}$

2.  $5^2 \times 10 - 12^2 = \underline{106}$

3.  $(.9 + 1.1)^2 - (11^2 - 117) = \underline{0}$

4.  $10^3 - (21 \div 7) = \underline{997}$

5.  $(4.2 + 1.12) \times 3 = \underline{15.96}$

6.  $(1^8 \times 10^2) - 7^2 + 2^3 = \underline{59}$

7.  $1\frac{1}{2} + 2\frac{1}{2} + 10^2 = \underline{104}$

8.  $4^3 - (125 \div 25) = \underline{59}$

9.  $(6.88 \div 2) - (9.3 - 9.03) = \underline{3.17}$

10.  $1\frac{1}{2} + 2\frac{1}{4} + 6^2 = \underline{39\frac{3}{4}}$