

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

4. $(4.2 + 1.12) \times 3 =$ _____

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