

1.3 Order of Operations - Assignment

Name: _____ P. _____

Find the value of the expression.

1. $5 + (2 + 1)^3$

2. $30 \div 6 \times 2$

3. $4 + 6^2 \div 12$

4. $13 - (28 - 4^2)$

5. Describe and correct the error in evaluating the expression.

\times $56 \div 4 \times 2 = 56 \div 8 = 7$

Evaluate the expression.

7. $(49 - 5^2) \div 2^3$

8. $7^2 - 5(10 - 3^2)$

9. Use all four operations $+$, $-$, \times , or \div without parentheses to write an expression that has a value of 1.

10. A family buys 3 dinners at \$9 each, 2 kid's meals at \$4 each, and 4 desserts at \$3 each. After using a \$10 off coupon, how much do they owe before sales tax? Show your work.

Bonus: Insert $+$, $-$, \times , or \div symbols to make each statement true. You can use a symbol more than once.

17 _____ 2 _____ 3 _____ 8 = 3