



Order of Operations WebQuest



Order of Operations - PEMDAS

1. List five operations _____, _____, _____, _____, _____.

2. What is the order of operations?

First P _____

Second E _____

Third MD _____

Fourth AS _____

3. What acronym (abbreviation such as NATO and IBM that is formed using the initial letters of words or word parts in a phrase or name) does the United States use to help you remember the order of operations?

4. What saying can you use to help you remember the order of operations?

Teacher Tube Order of Operations

5. In the problem, $12 \div 2^2 - 4 + 3(1 + 2)^3$, what was Step 1? _____

What was Step 2? _____

What was Step 3? _____

What was Step 4? _____

6. In the problem, $2 - 5 \cdot 3$, what was Step 1? _____

What was Step 2? _____

What was the answer? _____

7. In the problem, $5 + 4^2$, what was Step 1? _____

8. In the problem, $5^2 - (2 \cdot 4 + 6)$, what was Step 1? _____

What was Step 2? _____

9. On the compute screen, what should be the first step of the problem $6 + 3(7 - 3 \cdot 2)^2$?

10. On the compute screen, what should be the last step of the problem $35 \div (16 - 3^2) \cdot 2$?