


ORDER

To help me solve problems using Order of Operations (e.g., problems that have more than one operation sign: $3 + 5 \times 6 \div$).

Observe the problem.

- Look for multiple operation signs, symbols, & numbers.
 - For example:

$$25 + 45 \times 3 \div 5 = \underline{\hspace{2cm}}$$



addition multiplication division

Read the signs. (Identify operations)

- Identify the operations represented by the signs (+, -, x, ÷).
- Say aloud each operation.

Decide which operation to do first.

- Remember the Rule of Order
 - Many Dogs Are Smelly! (Multiplication, Division comes before Addition, Subtraction)
 - Pew Eee! Many Dogs Are Smelly! (Parentheses comes before Exponents; then Multiplication, Division comes before Addition, Subtraction)

Execute the rule of order

- **M**any **D**ogs **A**re **S**melly! (for equations that *do not* have parentheses and exponents)
- **P**ew **E**ee! **M**any **D**ogs **A**re **S**melly! (for equations that *do* have parentheses and exponents)

Relax, you're done!

- Tell yourself you did a good job 😊