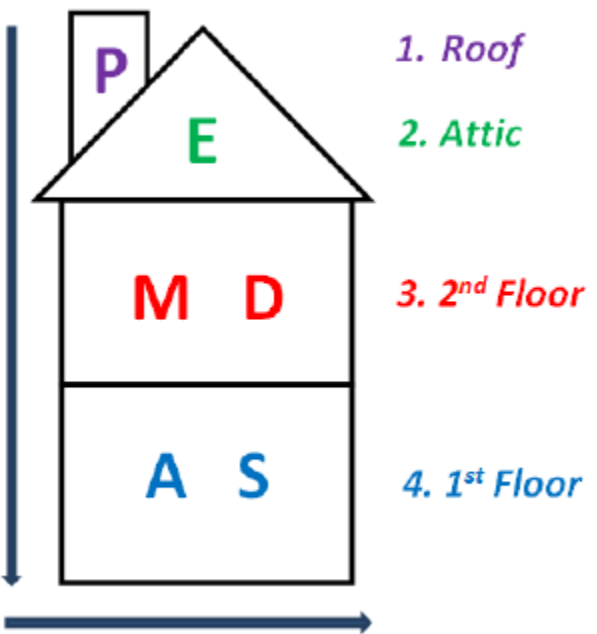## Order of Operation

Review the rules in the Order of Operations House:

Order of Operations

Mathematical operations must be completed in the correct order by operation. The rules are simple and easy to remember – just follow the signs in the house, working from top to bottom and left to right:

1. Parentheses - Roof
2. Exponents - Attic
3. Multiplication and Division – 2ⁿᵈ Floor
4. Addition and Subtraction – 1ˢᵗ Floor

Each floor of the house must be cleared before you can go down to the next level.
Work top to bottom, left to right…
just like reading a book!

P
E

M   D

A   S

1. Roof
2. Attic
3. 2ⁿᵈ Floor
4. 1ˢᵗ Floor

Example 1:	Example 2:	Example 3:	Example 4:
-2^4	$7(-6) + 3$	$5 + 9 \cdot 4 - 20$	$\dfrac{20-15}{-1}$

Example 5:	Example 6:	Example 7:
$8 + (-4)^2$	$|-3 + 7| \cdot 7^2$	$(2 - 7)^2 \div (4 - 3)^4$

Example 8: $3(-10) \div [5(-3) - 7(-2)]$