Order of Operations

PEMDAS – Please Excuse My Dear Aunt Sally

P (parenthesis)

E (exponents)

M (multiplication)

D (division)

A (addition)
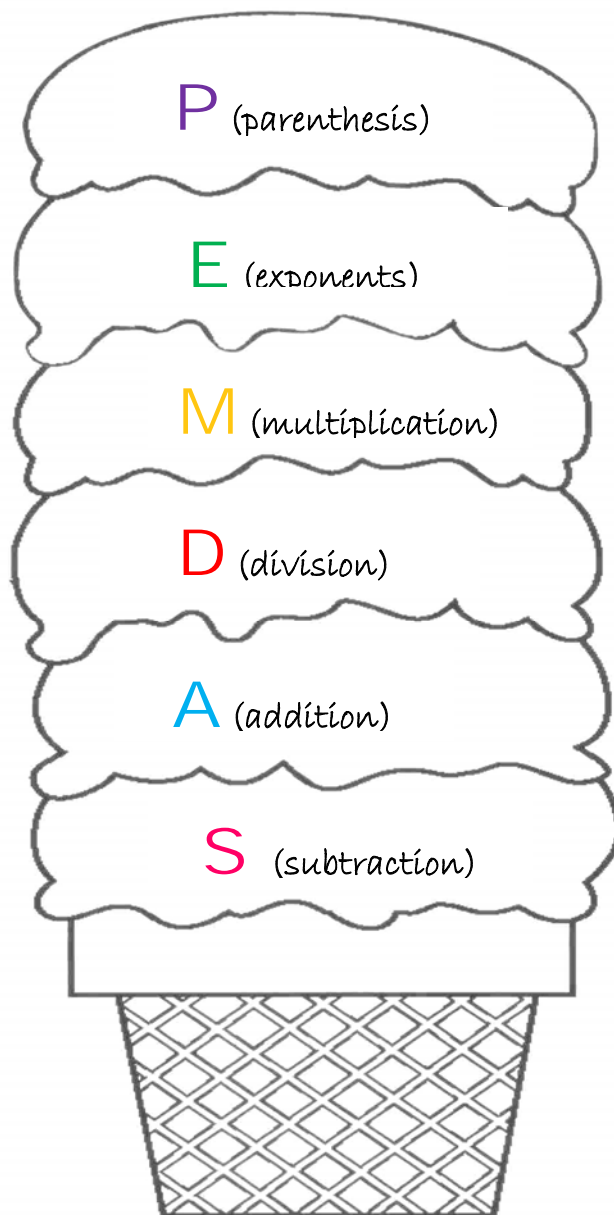
S (subtraction)

PEMDAS

* Perform all operations within parenthesis ( ), brackets [ ], or other grouping symbols.
* Evaluate Expressions with Exponents
* Multiply or Divide, as they occur, working from left to right.
* Add or Subtract , as they occur, working from left to right

Example: $9 - 5 \div (8 - 3) \times 2 + 6$

Step 1:	$9 - 5 \div$ **(8 – 3)** $\times 2 + 6$	Parentheses
Step 2:	$9 -$ **5 ÷ 5** x 2 + 6	Division
Step 3:	9 - **1 x 2** + 6	Multiplication
Step 4:	**9 - 2** + 6	Subtraction
Step 5:	**7 + 6**	Addition
Step 6:	13	Answer

Example

$$9 - 5 \div (8 - 3) \times 2 + 6$$
$$9 - 5 \div 5 \times 2 + 6$$
$$9 - 1 \times 2 + 6$$
$$9 - 2 + 6$$
$$7 + 6$$
$$13$$