

**Alg. Lesson 1-2 Order of Operations—teach how to use in calculator as well as without calculator.**

**OAS: A1.A.3.4 Evaluate linear, absolute value, rational, and radical expressions. Include applying a nonstandard operation such as  $a @ b = 2a + b$ .**


Expression—an expression is a mathematical sentence without an equal sign.

When evaluating (solving) an expression, you must follow the Order of Operations

Remember PEMDAS!

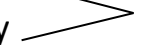
Please—Parenthesis first! This includes distributive property!

Excuse--Exponents

My  Multiplication and division in one step, worked from Left to Right!!

Dear 

Aunt 

Sally  Addition and subtraction in one step, worked from Left to Right!!!

Example:

$3(2 + 5) - 6^2 + 12 \div 4$	given
$3(7) - 6^2 + 12 \div 4$	parenthesis
$3(7) - 36 + 12 \div 4$	exponents
$21 - 36 + 3$	Multiplication/division from Left to right
$-15 + 3$	Add/subtract from left to right
$-12$	