

LESSON 2

8/22/2019

Order of Operations

Goal: I will be able to understand order of operations

Tool Bag
Formulas, equations,
Vocabulary, etc.

Here's How...Notes & Examples

Order of
Operations

G	E	M	D	A	S
Grouping	Exponents	Multiplication	Division	Addition	Subtraction
()	5 ⁴	·	÷	+	-
[]	5555	·	÷	+	-

Examples

a) $5 \times 3 + 1 - 8$ b) $5 \times 3 - 1 + 8$

$$\begin{array}{r} 15 + 1 - 8 \\ 16 - 8 \\ 8 \end{array}$$
$$\begin{array}{r} 15 - 1 + 8 \\ 14 + 8 \\ 22 \end{array}$$

c) $10 \div (2 + 3) \times 4$

$$\begin{array}{r} 10 \div (5) \times 4 \\ 2 \times 4 \\ 8 \end{array}$$