

Topic 1 Lesson 3

All math problems follow a certain "order of operations."



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All math problems follow a certain "order of operations."

First, evaluate all operations in **parenthesis**.

Next, evaluate any **exponents**.

Then, complete all of the **multiplication and division** in order from left to right.

Last, complete all **addition and subtraction** in order from left to right.

Topic 1 Lesson 3

Using the "Left-to-Right" rule

**When you have multiplication and division,
multiply OR divide in order from left to right.**

**When you have addition and subtraction,
add OR subtract in order from left to right.**

Order of Operations

Example 1:

Evaluate $50 + 10 \times 5$

$50 + 10 \times 5$ ← multiply first

$50 + 50$ ← then add

100

Order of Operations

Using the "Left-to-Right" rule

When you have multiplication and division,
multiply **OR** divide in order from left to right.

When you have addition and subtraction,
add **OR** subtract in order from left to right.

Example:

$$6 - 2 \times 3 + 12 \div 4$$

$$6 - 6 + 12 \div 4$$

$$6 - 6 + 3$$

$$0 + 3$$

$$3$$

WB Reteach 1-3

9/12/17

1) $8 + \underline{7 \times 5}$

$\underline{8 + 35}$

(43)