Agenda

Homework:

- Order of Operations & Negative Numbers Worksheet
- Missing work

Materials:

- Notebook (pick up from the bin in the back)

Do Now:

1. **Take out:**
   - MP Foldable
   - *Name Plate*

2. One person from each group get Expo pens for EVERYONE in your group.

3. Use the expo to solve this problem on your DESK.

$$10 - 3 \times 2 - 1 + 2$$

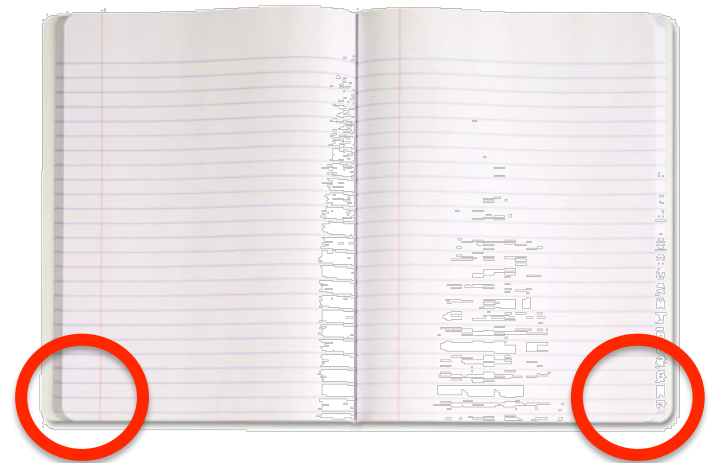- Did you get: $10 - 3 \times 2 - 1 + 2$

a) 15?

b) 5?   Why?
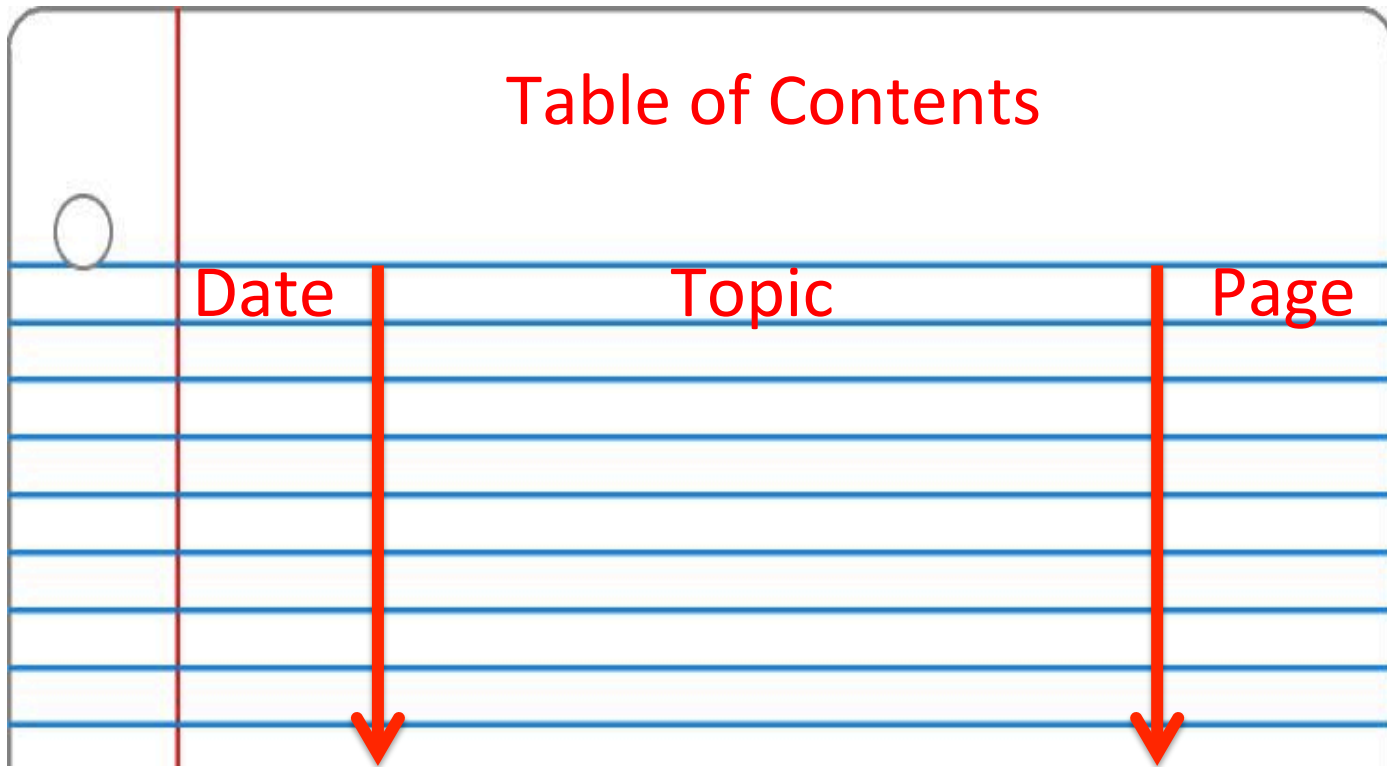
c) 1?

d) None?

Which is correct?

Notebook Setup

- Number the bottom corner (away from the spine) of each page in your notebook

Notebook Setup

- On **page 1**, create the table of contents

Table of Contents

Date	Topic	Page

- Copy onto pages **2 & 3** too

Notebook Setup

- Fill in the table of contents on PAGE 1

Table of Contents

Date	Topic	Page
8/5/15	Procedures	5
8/7/15	MP Foldable	7
8/10/15	OoO & Negative #s	8

Interactive Notebooks - Left Sides

STUDENT OUTPUT GOES ON THE LEFT PAGES / EVERY LEFT PAGE GETS USED

"Students get EVEN"

Use *Color* – it helps the brain learn, process, and remember!

The left page (even numbers) demonstrates STUDENT UNDERSTANDING of information from the right pages (odd numbers). Students process information on LEFT pages, they INPUT information on right pages. Left pages have students INTERACT with information from right pages in creative, unique, and individual ways. The 'Clock' questions can help students process information and focus attention on major concepts.

What might go on the *LEFT* page?

Brainstorming	Reflections	Pictures
Quick Writes	Graphic Organizers	Concept Maps
Venn Diagrams	Diagrams	Mind-mapping

Interactive Notebooks - Right Sides

TEACHER INPUT GOES ON RIGHT PAGES / VERY RIGHT PAGE GETS USED

"TEACHERS ARE RIGHT"

Use *CORNELL NOTES* – to help the brain learn, process, and remember!

The RIGHT page (odd numbers) is a record of the INPUT recorded by students. The input could be from lectures, demonstrations, lab information, videos, magazine articles, reading from the text book, internet sites, or any traditional form of information. Use Cornell notes to record information.
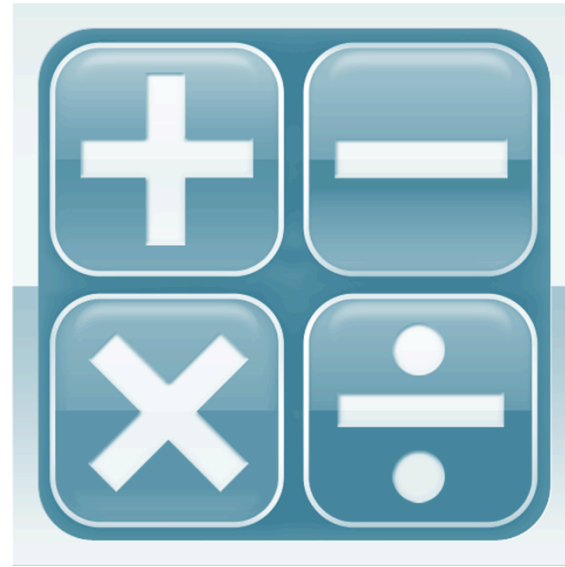
What might go on the *RIGHT* page?

Lectures	Book Work
Demonstrations	Internet site info
Cornell Notes	Vocabulary definitions
Instructions	Sample/practice problems

What are the basic math operations?

- Addition

- Subtraction

- Multiplication

- Division

- Exponents

$5 \times 5 \times 5 = 125$

What are the order of operations?

Parentheses

Exponents

Multiplication OR **D**ivision   Left to Right

Addition OR **S**UBTRACTION   Left to Right

P --> People
E --> Eat
M --> More
D --> Donuts
A --> After
S --> School

How do you add and subtract with negative numbers?

- **Addition Rules**
  - If the signs are the SAME, ADD and KEEP the sign
  - If the signs are DIFFERENT, SUBTRACT and keep the sign of the LARGER number
- **Subtraction Rule**
  - ADD the opposite (then use the addition rules)

Still can't remember?