INTEGERS MINI-BOOK™

Your job is to create a small book that explains everything you know about integers. Essentially, you are creating a bunch of "Illustrated Math" pages that explain HOW to use integers and WHY the integer rules work.

The final product should be at minimum 12 pages long. Each page should have 1-2 example problems that are labeled and explained (with arrows or thought bubbles or listed steps). You should also define any math vocab you use.

Basic Facts:

- How to Add Integers
- How to Subtract Integers
- How to Multiply Integers
- How to Divide Integers

Math Models:

- Chip Board (Red = NEG Black = POS)
- Positive vs. Negative Army (cancelling out)
- Numberlines or "Open" Numberlines
- The "Double Negative" ("I'm NOT NOT going to do my HW." = I will.)
- Temperature
- Money (Have = + Owe = –)
- Elevation
- Lovers & Haters (for multiplication & division)

NOTE:

Do NOT plagiarize your math teacher's work. Do NOT directly copy examples from your notes or homework to make the mini-book.

You must write your own example problems and explain them in your own words.

My Mini-book Order:

Front Cover	Inside Front Cover	1	2	3	4	5	6
7	8	9	10	11	12	Inside Back Cover	Back Cover

Examples of the Math Models:

Lovers & Haters:

"If you love to love ... you're a lover."
POS x POS = POS

"If you love to hate ... you're a _____."
POS x NEG =

"If you hate to love ... you're a _____."
NEG x POS =

"If you hate to hate ... you're a _____."
NEG x NEG =

ChipBoard or Army:

Numberline:

Double Negative (NOT NOT):

Integer Word Problem (temp or money or elevation):

	Exceeds Standards [4]	Meets Standards [3]	Below Standards [2]	Needs Improvement [1]
Adding Integers	• Lists the rules to add integers. • Uses ***two or more*** math models to prove the work.	• The ***two*** examples are correct. • Includes ***at least one*** math model to prove the work.	• Explanations are too ***brief*** or are ***not clear***.	• The examples are ***incorrect***.
Subtracting Integers	• Lists the rules to subtract. • Uses ***two or more*** math models to prove the work.	• The ***two*** examples are correct. • Includes ***at least one*** math model to prove the work.	• Explanations are too ***brief*** or are ***not clear***.	• The examples are ***incorrect***.
Multiplying Integers	• Lists the rules to multiply. • Uses ***two or more*** math models to prove the work.	• The ***two*** examples are correct. • Includes ***at least one*** math model to prove the work.	• Explanations are too ***brief*** or are ***not clear***.	• The examples are ***incorrect***.
Dividing Integers	• Lists the rules to divide. • Uses ***two or more*** math models to prove the work.	• The ***two*** examples are correct. • Includes ***at least one*** math model to prove the work.	• Explanations are too ***brief*** or are ***not clear***.	• The examples are ***incorrect***.
Presentation	• The minibook shows ***exceptional*** effort and creativity.	• The minibook is ***neat*** and ***creative***.	• The minibook shows ***some*** effort and creativity.	• The minibook appears ***rushed*** and/or ***sloppy***.