



# INTEGER OPERATIONS DIGITAL PRACTICE

## OVERVIEW:

This digital activity offers students a fantastic opportunity to practice integer computation. It can be used with students who are just learning integer operations (typically 6<sup>th</sup> or 7<sup>th</sup> grade), or more advanced students (Pre-Algebra and above) who need a quick refresher.

### INTEGER OPERATIONS DIGITAL PRACTICE

ADD | SUBTRACT | MULTIPLY | DIVIDE | EXPONENTS TOO!  
FOR GOOGLE SHEETS / DISTANCE LEARNING

#### Operations with Integers

(NO CALCULATOR!)

Problem	Answer	Result	Problem	Answer	Result
1) $56 + (-12)$	44	YES!	16) $21 + (-30)$		
2) $24 - 30$	6	Sorry!	17) $15 - (-53)$		
3) $12(-3)$			18) $-11 \times (-4)$		
4) $-16 - (-8)$			19) $-17 - (-17)$		
5) $54 \div (-9)$			20) $\frac{40}{-7}$		
6) $-7 \times (-3)$			21) $-81 \div 4$		
7) $-12 \div (-4)$			22) $-14 - 14$		
8) $-2 \times (-2)$			23) $-6 \times 12$		
9) $-2 - (-5)$			24) $13 - 20$		
10) $-4(15)$			25) $-9 + (-23)$		
11) $-5 - 5$			26) $(-3)^2$		
12) $-48 \div (-6)$			27) $-5 - (-5)$		
			28) $-8 (-7)$		
			29) $18 - (-4)$		
			30) $(-2)^3$		

Designed as a No-Prep Distance Learning Activity, it would also function well in a classroom or hybrid setting. Teachers can shorten the assignment to support students, as needed, by entering some answers before sharing the file with selected students.

For distance learning, I suggest clarifying class expectations upfront concerning calculator usage. You may wish to have students write down their work for all or some problems and turn it in in person or digitally using your school's Learning Management System.



## **WHAT MAKES IT FUN?**

As students enter each answer, they will get instant feedback in the form of a green or red message beside their answer (green = correct and red = incorrect). Each problem is programmed to offer a different phrase. Some of the green/correct messages say: Terrific!, Wow!, Cool Beans! A few examples of incorrect messages include: Sad Face!, Soggy French Fries!, and Stinky Feet! 30 problems and 30 different fun phrases of support. The activity encourages the students to try again and again as their red message will turn to a new green message when they succeed in determining the correct answer ~

~ **HOW MOTIVATIONAL IS THAT?!**

## **WHAT IS INCLUDED:**

- Downloadable pdf with links to the Google Sheets Activity and Answer Key
- Step-by-Step Directions
- 30 Practice Problems (Assortment of addition, subtraction, multiplication, division, and exponents)
- Digital Answer Key (also in Google Sheets)

## **WANT MORE?**

Please visit my store or follow me to see more resources like this. You can also send me a message if you want a similar product to cover different standards. I am a new seller and just getting started but have the time to create that you might not have! I know this is a stressful year for many teachers, so please let me know if I can help you in any way.

[CLICK HERE](#) to follow Battmatics

[CLICK HERE](#) to visit the Battmatics store



## **TERMS OF USE:**

- This purchase includes a license for one teacher only for personal use in their classroom.
- The license is non-transferable (meaning it cannot be passed from one teacher to another ~ no sharing with colleagues or passing it on to your replacement if you leave your current position).
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- LOVE this product and want to share it with others? Refer your colleagues to my TPT store to purchase a license for this product.

## **CREDITS:**



The Battmatics logo was designed by a former student! Please visit her Instagram page by clicking on the icon to the left.



# THANK YOU for your purchase!

I had so much fun creating this resource and hope it brings a smile (or two or three...) to your students' faces as they work to complete it!

**Please let me know how your kids reacted and any improvements you would like to see!**

I am especially interested in hearing more ideas for fun slang terms that are popular with kids in your area. I want the embedded messages to be relevant to the kids and motivate them to uncover the hidden words! Reminder: TPT offers credits toward future purchases when you submit a review!

**I am currently taking custom orders.**

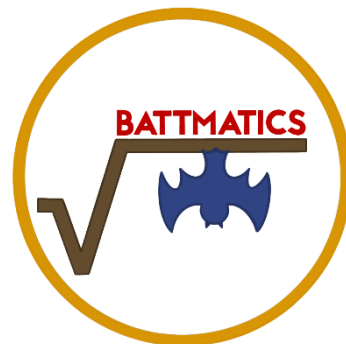
I am just getting started! If you don't see what you need in my store already, but like my work...please send me a message and let me know what standard you would like me to build a product for. Sincerely...I have the time! I stepped away from the classroom this year due to the Pandemic and want to help my fellow teachers as much as possible. I wake up every day excited to create something new...so please ~ put me to work!

**STAY SAFE! ...STAY HEALTHY!...  
...AND LOVE THOSE STUDENTS!**



Follow me!

Sincerely,  
Erin Batt  
(Creator of Battmatics)



Visit my Store!



## **DIRECTIONS (Integer Operations Digital Activity)**

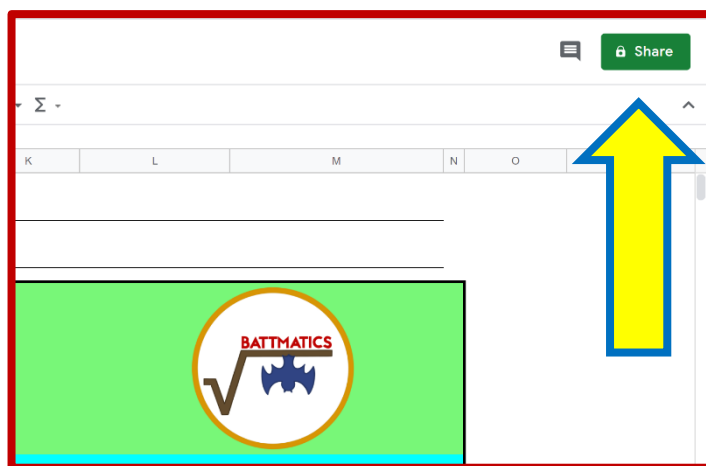
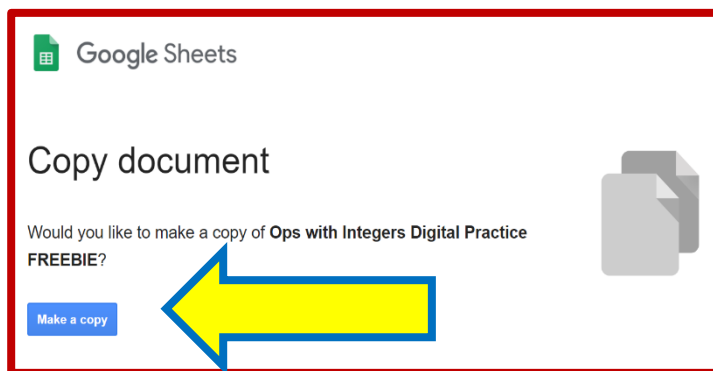
Before starting please make sure that you and all students have access to Google drive and know how to sign in.

### **1) LINKS:**

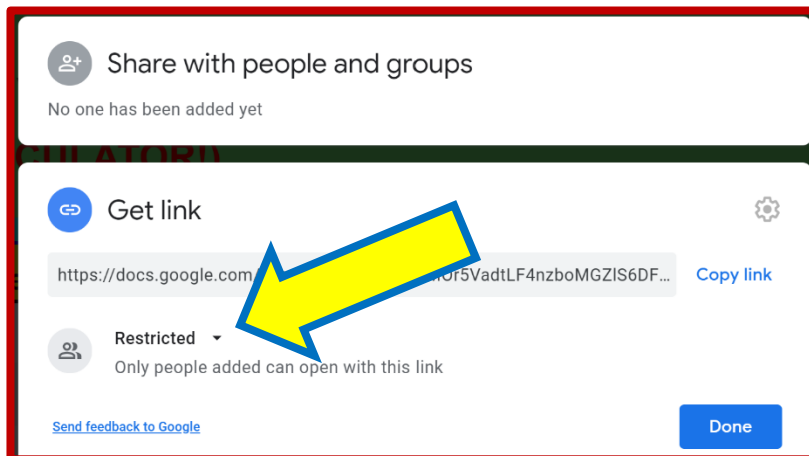
- [CLICK HERE](#) to open the GOOGLE SHEETS ACTIVITY.
- [CLICK HERE](#) to open the ANSWER KEY.

**2) COPY:** When prompted, click the blue "Make a copy" icon.

This will open a copy of the Google Sheets Activity on your screen (and save it to your Google Drive). You will then want to share this link with your students. Look to the top right of your screen to find the "Share" button and click on it. Do NOT click on the URL; use the "Share" button.



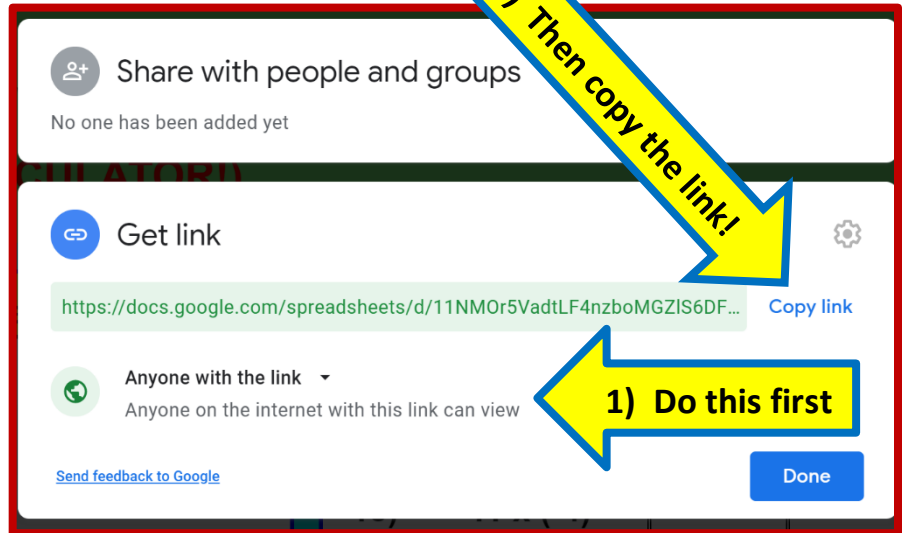
**3) SHARE:** Clicking the green "Share" button will open the message below. Notice that it is set to "Restricted." Click on the little down arrow to the right of "Restricted."





#### 4) CHANGE SHARE

**OPTION:** You will now be able to change the sharing options to “Anyone on the internet with the link can view.” Then click on the blue message stating “Copy link” (above “Done” – Do not click “Done” yet!)



**5) FORCED COPY:** You can now post this link to your password-protected website or Learning Management System (please read Terms of Use before uploading). **However, YOU MUST CHANGE the sharing settings BEFORE finalizing your upload.** Delete everything after the last slash. The easiest way to do this is to start at the end of the link and backspace until you get to the slash. (Keep the slash!)

<https://docs.google.com/spreadsheets/d/11NMOOr5VadtLF4nzboMGZIS6DFMJP747leoCwEz01h0Y/edit?usp=sharing>

Delete everything after the slash

Now type “copy” in place of what you deleted. This will force your students to make a copy of this document to their own google drive (This is commonly referred to as a “forced copy”). Any changes they type will be reflected on their own copy instead of changing your master copy. If you do not change the link to “copy,” student responses will be reflected on your master document and students will all be working on the same document (and that’s NO FUN!).

<https://docs.google.com/spreadsheets/d/11NMOOr5VadtLF4nzboMGZIS6DFMJP747leoCwEz01h0Y/copy>

Type “copy” in place of the deleted text



## 6) MORE IDEAS & OPTIONS:

- **REDUCED WORK:** If you have students needing a reduced workload, you can enter a few answers into the sheet before sharing it with those particular students. I suggest saving a new copy and renaming it on your google drive.
- **PARTNER WORK:** You can also assign partners to work together on the same sheet. To do this, one student in each group will need to be able to share their sheet with the others in their group. I would suggest practicing ahead of time to be sure students are familiar with how to share with each other. Students who are accustomed to using Google Apps for classwork may be very comfortable doing this already.
- **COLLECTING/GRADING WORK:**
  - ✓ You may wish to have each student create a classwork folder in their google drive and share it with you ahead of time. Then, have them save this Google Sheet into that folder when they copy the link. This will give the teacher access to view the student's progress in real time.
  - ✓ You can also have each student individually share their Google Sheet with you. This also gives you the option to view what they are doing in real time.
  - ✓ For the final "turn-in," students can upload their completed Google Sheet into your Learning Management System's assignment tab, email you a copy of the document, or print a hard copy. (My school uses Canvas, so I am familiar with that LMS. Buyers are responsible for understanding how to use the LMS in their district). If printing, you may wish to specify Black/White printing to keep costs down.

