

This resource features hundreds of bright, eye-catching, ready-to-go templates for numbers and operations resources for your students! You will save so much time in designing the **exact** math assignments your students need!

**Please Note: This resource is for personal use with your class only. Commercial use of these math tools is prohibited.**

Please see the next pages for more about this time-saving resource!

**Number Lines** ☰ menu

**Addition Standard Algorithm** ☰ menu

★	★	★	★
★	★	★	★
<u>+</u> ★	<u>+</u> ★	<u>+</u> ★	<u>+</u> ★
★	★	★	★

★	★	★	★★
★	★	★	★★
<u>+</u> ★	<u>+</u> ★	<u>+</u> ★	<u>x</u> ★★
★	★	★	★

**Multiplication Area Models** ☰ menu

★ x ★ =

?	+	?
?		?
?		?

★ x ★ =

?	+	?
?		?
?		?

★ x ★ =

?	+	?
?		?
?		?

**Multiplication Standard Algorithm** ☰ menu

?	?	?	?	?
?	?	?	?	?
?	?	?	?	?
+	?			
	?			

**Division Area Models** ☰ menu

★ R?

n	nn	
?	+	?
?		?
-?		-?
?		?

★ R?

n	nn	
?	+	?
?		?
-?		-?
?		?

★ R?

n	nn	
?	+	?
?		?
-?		-?
?		?

**Division Partial Quotients**

★ R?

n	nn		
-	?	?	
?			
-	?	+	?
?		?	

★ R?

n	nn		
-	?	?	
?			
-	?	+	?
?		?	

★ R?

n	nn		
-	?	?	
?			
-	?	+	?
?		?	

These math tools were designed to save you precious time! The first feature you will find is a visual menu...click on the graphics to jump right to the exact tools you need, without scrolling through endless slides:

## Menu

**addition**  
(standard algorithm)

★

+

---

★

**subtraction**  
(standard algorithm)

★

-

---

★

**multiplication**  
(standard algorithm)

★

X

---

★

**division**  
(standard algorithm)

★

÷

---

★

**multiplication**  
(area models)

★ X ★ =

? + ?		
?	?	?
	?	?
	+	?
		?

★

**division**  
(partial quotients)

★ R ?

n	n	n
-	?	?
	?	?
-	?	?
	+	?
?	?	?

**division**  
(area models)

★ R ?

n	n	n
	?	?
?	-?	-?
	?	?

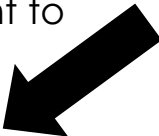
**division**  
(no remainders)

★

n	n	n
---	---	---

number lines

Click on the menu button at the top of the page each time you want to head back:



## Multiplication Area Models ☰ menu

★ X ★ =

? + ?		
?	?	?
	?	?
	+	?
		?

?

?

?

?

+

---

?

★ X ★ =

? + ?		
?	?	?
	?	?
	+	?
		?

?

?

?

?

+

---

?

★ X ★ =

? + ?		
?	?	?
	?	?
	+	?
		?

?

?

?

?

+

---

?

Once you choose the math tools you would like to use, click on the white space just beside the tool:



**★ x ★ =**

? + ?		
?	?	?

$$\begin{array}{r}
 ? \\
 + \quad ? \\
 \hline
 ?
 \end{array}$$

Click and drag over the entire tool until it is completely selected. Then, click Copy (Command + C on a Mac):

Paste the math tool into a Google Slide for your students. Now you can begin customizing the perfect problems for your class!

Double-click on any text/symbol placeholders to select them. Then type right over the placeholder to put the numbers/problems you would like for your students:

**23 x 4 =**

? + ?		
?	?	?

You can fill out entire problems/models for your students, or leave parts of them open for your class to complete for a math assignment. This is ideal for differentiation, as well as scaffolding the learning for your students.

In this example, I filled out part of the area model for my students as a support:

**24 x 13 =**

	<b>20 + 4</b>	
<b>10</b>	<b>200</b>	<b>40</b>
<b>+</b>		
<b>3</b>	?	?

?

?

?

+ ?

---

?

Then, in the next assignment I left the question marks so students could complete more of the model on their own:

**24 x 13 =**

	<b>20 + 4</b>	
<b>10</b>	?	?
<b>+</b>		
<b>3</b>	?	?

?

?

?

+ ?

---

?

Once my students were comfortable with this strategy, I left all the question marks for them to fill out and only set up the problem:

**24 x 13 =**

	? + ?	
?	?	?
+		
?	?	?

?

?

?

+ ?

---

?

Thanks for taking the the time to preview! Please don't hesitate to contact me should you have any questions about this resource!