



Math Virtual Learning

3rd Grade

April 6, 2020



3rd Grade Math
Lesson: April 6, 2020

Learning Target:

Students will expand whole numbers within 100,000 using base ten blocks.

Background: This is a review lesson from 3rd grade first quarter

- **Students learn to identify numbers to the nearest 10,000 in second grade.**
- **Students learn to identify numbers to the nearest 100,000 in 3rd grade.**

Let's Get Started:

Watch Videos:

1. [Brain Pop: Place Value](#)
2. [Counting Base Ten Blocks](#)

Practice #1:

What number does the base ten blocks represent?

What do you notice about the photo?

- What number is in the hundreds place?
- What is that number worth?
- What number is in the tens place?
- What is that number worth?

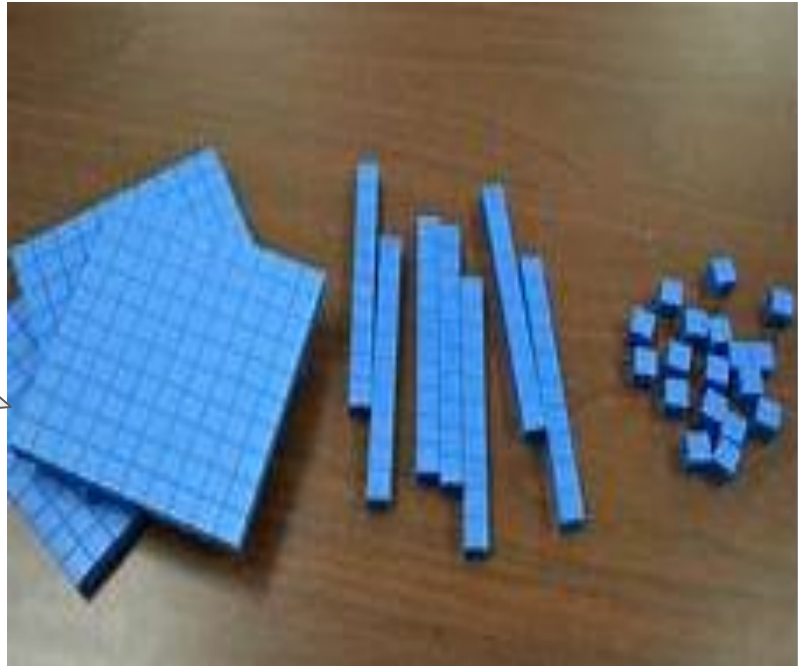


Practice #2:

What number does the base ten blocks represent? Make sure to look very carefully at the ones place!

What do you notice about the photo?

- What number is in the ones place?
- What is that number worth?
- What do we need to do when we have more than 10 units in the ones place?



Practice #3:

Now that we have had a chance to practice identifying numbers with base ten blocks lets try and solve the following problem.

- How could you represent this problem using pictures of base ten blocks?
- After solving the problem what is another way you could show 218?

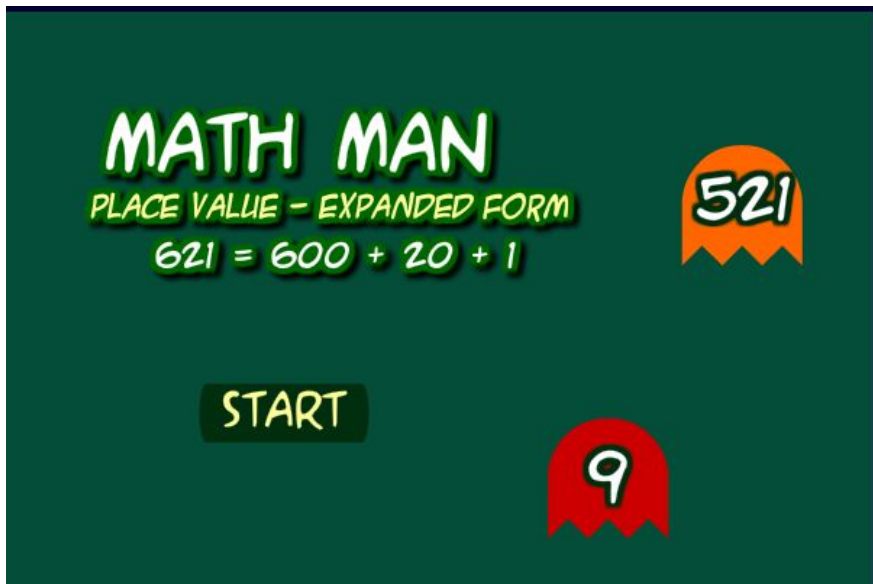
Kyler and Kenzy are talking about the value of the number 218.

- ★ Kyler says it is 2 hundreds, 1 ten and 8 ones.
- ★ Kenzy says it is 20 tens and 18 ones.

Who is correct? Justify your thinking using your math tools.

Practice on your own:
Go to this website: [Mathman](#)

Follow the directions below to play:



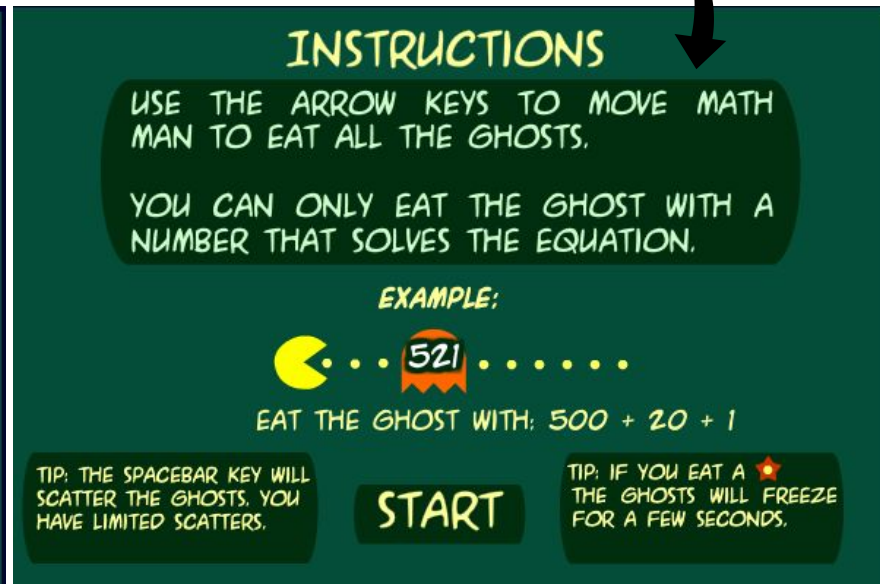
MATH MAN
PLACE VALUE - EXPANDED FORM
 $621 = 600 + 20 + 1$

START

521

9

The title screen features a dark green background. At the top left, the text 'MATH MAN' is written in a large, white, bubbly font with a green outline. Below it, 'PLACE VALUE - EXPANDED FORM' is written in a smaller, white, bubbly font with a green outline. Underneath that is the equation $621 = 600 + 20 + 1$ in the same style. To the right of the equation is a red ribbon-shaped badge with the number '521' in white. At the bottom left, there is a dark green button with the word 'START' in white. At the bottom right, there is a red ribbon-shaped badge with the number '9' in white.





INSTRUCTIONS

USE THE ARROW KEYS TO MOVE MATH MAN TO EAT ALL THE GHOSTS.

YOU CAN ONLY EAT THE GHOST WITH A NUMBER THAT SOLVES THE EQUATION.


EXAMPLE:

 . . . 

EAT THE GHOST WITH: $500 + 20 + 1$

START

TIP: THE SPACEBAR KEY WILL SCATTER THE GHOSTS. YOU HAVE LIMITED SCATTERS.

TIP: IF YOU EAT A  THE GHOSTS WILL FREEZE FOR A FEW SECONDS.

The instructions screen has a dark green background. At the top, the word 'INSTRUCTIONS' is written in a yellow, bubbly font. Below it, two paragraphs of text in white, bubbly font with green outlines provide the game rules. An example section shows a yellow Pac-Man character on the left, followed by three dots, then a red ribbon-shaped badge with the number '521' in white, followed by five more dots. Below this is the text 'EAT THE GHOST WITH: $500 + 20 + 1$ '. At the bottom left, there is a dark green button with the word 'START' in white. At the bottom right, there is a dark green box containing two tips in white, bubbly font with green outlines. The first tip mentions the spacebar key and limited scatters. The second tip mentions eating a star icon (a small red star) which causes ghosts to freeze.

MORE Practice on your own:
Go to this website: [Greg Tang: Place Value](#)

1. Keep track of your score!
2. Try to beat the clock.

MENU

0:10

841

HUNDREDS + TENS + ONES

PROBLEM 1 OF 5



HINT


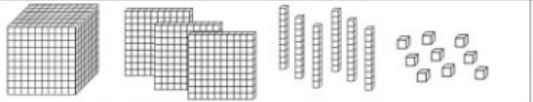
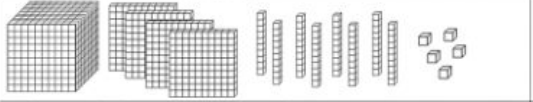
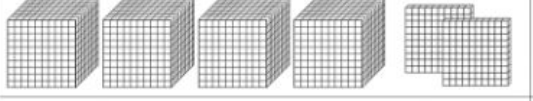


Extra Practice:

This won't be in your packet, but here is some extra practice.

PLACE VALUE BLOCKS: UP TO THOUSANDS SHEET 2

Help Flame Salamander count the blocks.



	How many? _____
	How many? _____
	How many? _____
	How many? _____
	How many? _____
	How many? _____

Click here to open worksheet.



 **Check Your Work**

Self Check:

Go tell someone in your home your answers.



1. Was this lesson?

- easy,
- just right
- hard

Nutrition Facts	
about 14 servings per container	
Serving size	1/4 cup dry (33g)
Amount per serving	
Calories	120
<small>% Daily Value</small>	
Total Fat 1.5g	2%
Saturated Fat 0g	0%
Trans Fat 0g	
Cholesterol 0mg	0%
Sodium 180mg	8%
Total Carbohydrate 22g	8%

I found a zero in the ones place!!!

2. See if you can find a number around your house with a zero in the tens place. Maybe a tv channel or a nutrition label.