



# Math Virtual Learning

# 3rd Grade

April 7, 2020



3rd Grade Math  
Lesson: April 7, 2020

**Learning Target: I can write numbers in expanded form to show the value of each number.**

**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:**

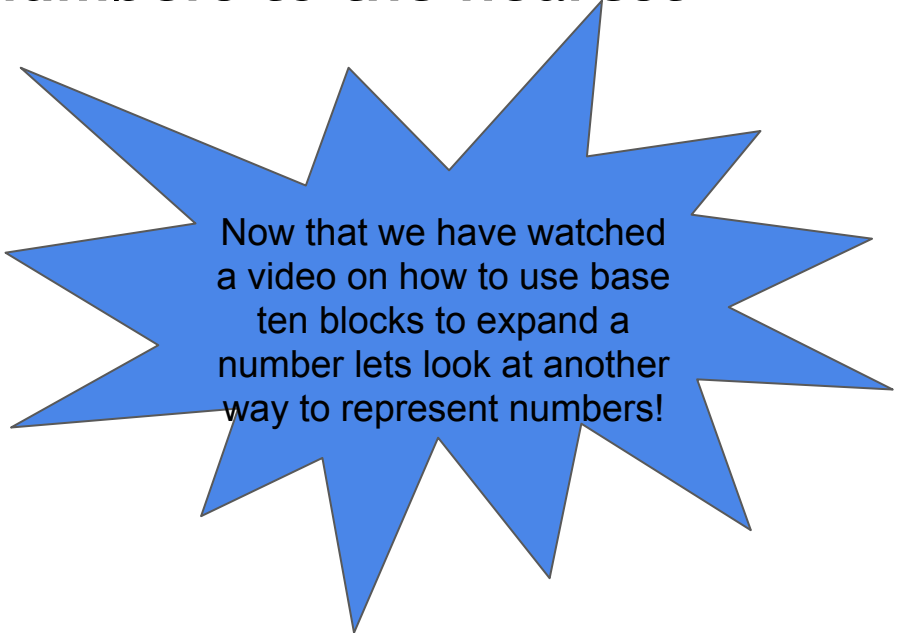
**Watch Videos:**

[Khan Academy: Place Value](#)

[Khan Academy: Expanded Form](#)



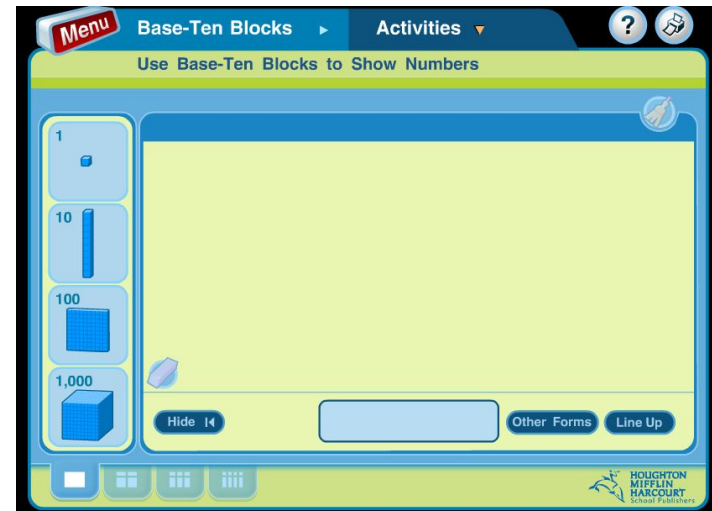
Click here to learn about a new form of writing whole numbers!



Now that we have watched a video on how to use base ten blocks to expand a number lets look at another way to represent numbers!

Remember you  
can use place  
value discs.

## Practice #1:



Let's Practice!!

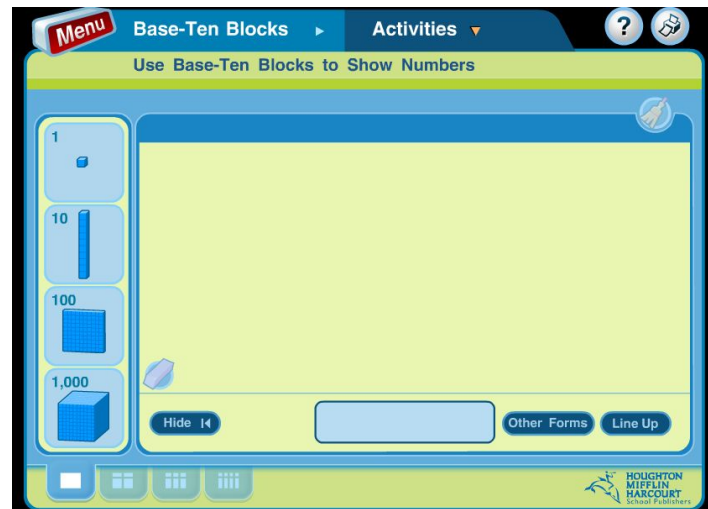
What is **4,362** written in expanded form?

Move this rectangle to check  
your answer.

## Practice #2:

Think back on the expanded form video.

- What is in the hundreds place?
- How many hundreds do we need to represent that number?



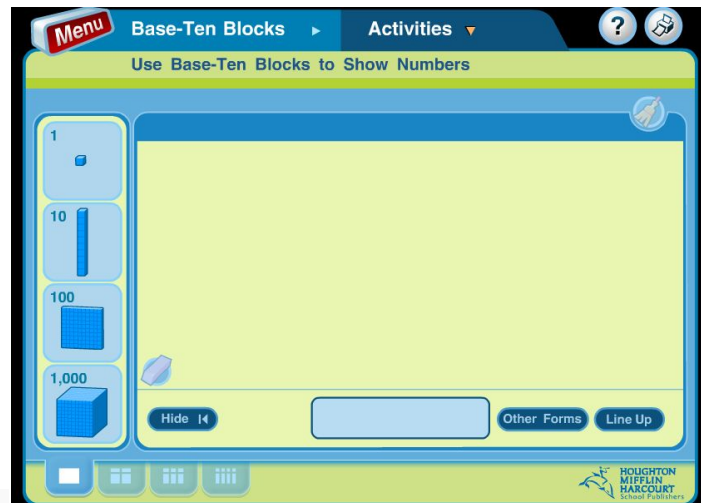
Lets Practice!!

What is **6,232** written in expanded form?

Move this rectangle to check your answer.

What do we do  
when we have a  
zero in the  
hundreds place?

## Practice #3:



Let's Practice!!

What is **6,037** written in expanded form?

**Move this rectangle to check  
your answer.**

# Practice on your own:

Go to this website: [Khan Academy Practice](#)

1. Read the question
2. Select an answer
3. Click next question

Which expression is equivalent to 18,090 ?

Choose 1 answer:

(A)  $180 + 90$

(B)  $10,000 + 8,000 + 900$

(C)  $10,000 + 8,000 + 90$

Which expression is equivalent to 18,090 ?

Choose 1 answer:

(A) INCORRECT  
 $180 + 90$

(B) INCORRECT  
 $10,000 + 8,000 + 900$

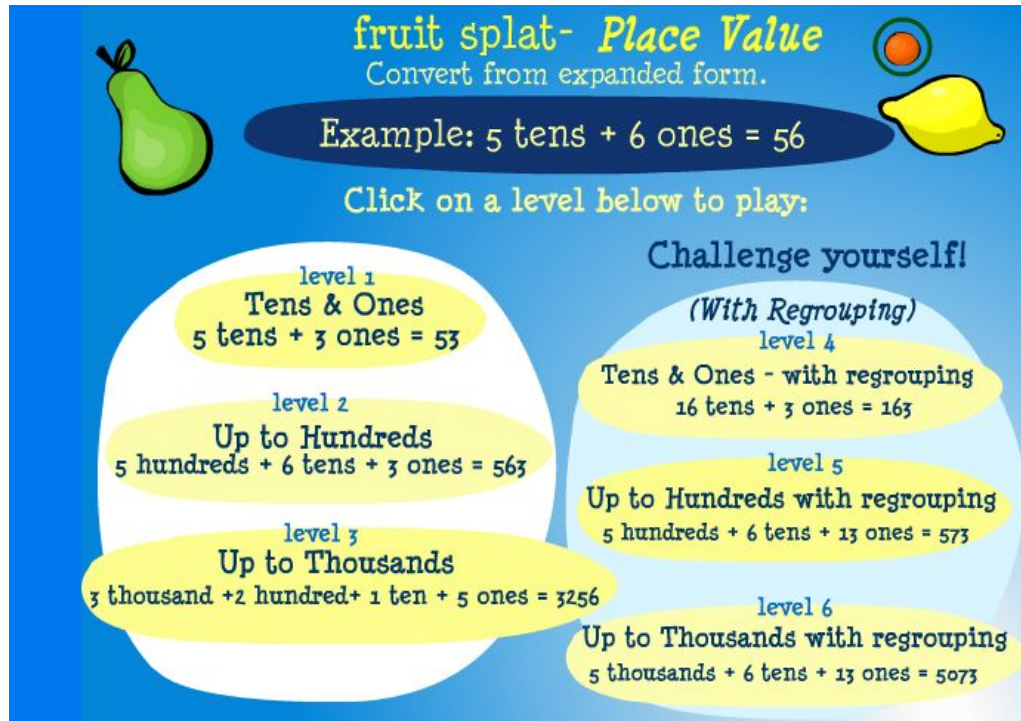
(C) CORRECT (SELECTED)  
 $10,000 + 8,000 + 90$

Do 7 problems 

Next question

# MORE Practice on your own: Go to this website: [Fruit Splat](#)

1. Choose a level from the choices shown on the screen.
2. Click the flying fruit with the base ten numeral that matches the given expanded form.



**fruit splat- Place Value**  
Convert from expanded form.

Example: 5 tens + 6 ones = 56

Click on a level below to play:

**Challenge yourself!**  
*(With Regrouping)*

**level 1**  
Tens & Ones  
5 tens + 3 ones = 53

**level 2**  
Up to Hundreds  
5 hundreds + 6 tens + 3 ones = 563

**level 3**  
Up to Thousands  
3 thousand + 2 hundred + 1 ten + 5 ones = 3256

**level 4**  
Tens & Ones - with regrouping  
16 tens + 3 ones = 163

**level 5**  
Up to Hundreds with regrouping  
5 hundreds + 6 tens + 13 ones = 573

**level 6**  
Up to Thousands with regrouping  
5 thousands + 6 tens + 13 ones = 5073



# Practice:

This worksheet will not be in your packet, but please use it if you would like extra practice.



Four Ways to Write a Number!

NAME: \_\_\_\_\_



Standard	Place Value	Expanded	Picture
245	___ ones ___ tens ___ hundreds	___ + ___ + ___ = ___	
138	___ ones ___ tens ___ hundreds	___ + ___ + ___ = ___	
592	___ ones ___ tens ___ hundreds	___ + ___ + ___ = ___	
376	___ ones ___ tens ___ hundreds	___ + ___ + ___ = ___	
674	___ ones ___ tens ___ hundreds	___ + ___ + ___ = ___	
555	___ ones ___ tens ___ hundreds	___ + ___ + ___ = ___	
723	___ ones ___ tens ___ hundreds	___ + ___ + ___ = ___	

Click here to open  
worksheet.



## Self Check:

Go tell someone in your home your answers.



1. Was this lesson?

- easy,
- just right
- hard

2. Look around your house, out the window, try to find a three digit number. If you can't find a number, just make one up. Try to write or say it in expanded form.