



# First Grade Math Review, Master, and Extend

Dear Parents,

Summer presents a great opportunity to continue learning from home. Students can review standards learned in First Grade, ensure mastery of key standards, and preview standards for Second grade. The First grade focus was to:

- Solve problems involving addition and subtraction within 100
- Understand and apply properties of operations with addition and subtraction
- Extend the counting sequence to 120
- Understand and use place value to add/subtract and compare numbers
- Measure lengths by comparing length units
- Tell and write time
- Represent and interpret data
- Reason with shapes and their attributes

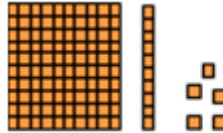
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Concepts students may preview for 2<sup>nd</sup> Grade

- Understand that 3-digits of a 3-digit number represents place value
- Read and write numbers to 1,000
- Use addition and subtraction within 100 to solve 1-step word problem

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Example 1

Represent the number 115:  $100+10+5$  

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Example 2

Represent the number 215: is written as two hundred fifteen; expanded form as  $200+10+5$ ; or 1 hundred, 11 tens, 5 ones (note that “and” is not used between the numbers).

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Example 3

There are some students on the playground. Then 18 more students came. There are now 47 students. How many students were on the playground at the beginning? ( $\_\_+18 = 47$ ) There were 29 students in the beginning on the playground.

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## Home Activities

- Lay cards numbered from 0-9 face down on the table. Have your child pick out 3 of the cards and make the largest number that they can with the cards. Then have them make the lowest number that they can.
- Put 100 counters (macaroni, buttons, etc.) into a container.
  - Have your child write a story problem that has an answer of "58". Let your child take out a handful (or more) of the counters and count them. Ask him to add up or subtract to find out how many marbles are left in the container.
  - Ask your child to write a story problem that has an answer of "68".


## Internet Resources

**Textbook Online:** [connected.mcgraw-hill.com](http://connected.mcgraw-hill.com)

Textbook Publisher	Print and/or consumable	Online Access
My Math McGraw-Hill 2013	Consumable Workbook	<a href="http://connected.mcgraw-hill.com/connected/login.do">http://connected.mcgraw-hill.com/connected/login.do</a>  <b>Student User ID:</b> ccsd(student ID) <b>Password:</b> cobbmath1

## Learning Links to build background knowledge and to preview 2<sup>nd</sup> Grade:

Skill & Concept	Website	Link
Early Math	  Getting started is simple: Click Start Mission, Create a New Account, sign up using either gmail, facebook or email address. Enter your name and birthdate, follow the link that is sent to your account, and finish by signing up with a username and password.	<a href="https://www.khanacademy.org/math/early-math">https://www.khanacademy.org/math/early-math</a>

<p><b>Understand three-digit place value by counting, grouping, and using base ten blocks (2.NBT.A.1)</b></p>	 LearnZillion	<p><a href="https://learnzillion.com/resources/72377-understand-three-digit-place-value-by-counting-grouping-and-using-base-ten-blocks-2-nbt-a-1">https://learnzillion.com/resources/72377-understand-three-digit-place-value-by-counting-grouping-and-using-base-ten-blocks-2-nbt-a-1</a></p>
<p><b>Read and write numbers to 1,000</b></p>	 LearnZillion	<p><a href="https://learnzillion.com/resources/72888-read-and-write-numbers-to-1-000">https://learnzillion.com/resources/72888-read-and-write-numbers-to-1-000</a></p>
<p><b>Solve addition and subtraction word problems by drawing models</b></p>	 LearnZillion	<p><a href="https://learnzillion.com/resources/72807-solve-addition-and-subtraction-word-problems-by-drawing-models">https://learnzillion.com/resources/72807-solve-addition-and-subtraction-word-problems-by-drawing-models</a></p>

