

Kindergarten Math Review, Master, and Extend

Dear Parents,

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

- Know number names and the count sequence
- Count to tell the number of objects
- Understand addition and subtraction through 10
- Work with numbers 11-19 for place value
- Describe and compare measurable attributes
- Classify objects into categories
- Identify, describe, analyze, compare, create and compose shapes

Concepts students may preview for 1st Grade

- Add and subtract within 20
- Solve word problems within 20
- Solve word problems with three whole numbers
- Count to 120


Example 1

Core Lesson

Add $7 + 9$.

I can rewrite the problem as $9 + 7$.

Counting on from the larger number makes adding easier.



The diagram shows a number line from 9 to 16. The number 9 is circled in orange, and 16 is circled in red. A car is positioned at 16, with a thought bubble above it saying "Counting on from the larger number makes adding easier." A blue thought bubble above the number line says "I can rewrite the problem as 9 + 7." The number 7 is written above the number line, and a dashed yellow arrow points from 9 to 16. The logo "LEARN ZILLION" is at the bottom right.

Example 2

Tracy's mom made 18 cupcakes and 4 were eaten right away. How many cupcakes are left?



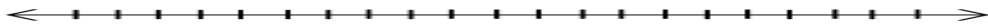
Example 3

Juan, Mia, and Jennifer brought their pets for a pet show. Juan brought his 2 birds, Mia brought her 3 dogs, and Jennifer brought her 4 hamsters. How many pets did they all bring for the pet show?



Example 4

Draw a number line with endpoints of 0 and 120. Place a dot on the number line. What number on the number line does the dot represent?



Home Activities

- Count objects such as jellybeans in a bowl, pennies in a jar, cheerios in a baggie, etc.
- Find numbers in newspapers, magazines, or on items around the house.
- Practice counting with your student while doing various activities such as driving in the car, jumping rope, waiting in line at a store, etc.
- Roll a number cube with single digit numbers and add them together.
- Roll two or more number cubes at one time. Combine 2-digit or 3-digit numbers and add them together.
- Add all the digits of your house number together.
- Start with 20 counters (beans, pennies, etc.) and roll two dice to make a 2-digit number. Subtract counters until you get to 0.
- Give your student an addition or subtraction number sentence and ask them to make up a story problem to go with the number sentence. Example: $(2 - 1 = 1)$ There are two cookies in the cookie jar. Mom eats one of the cookies. How many cookies are left in the cookie jar?


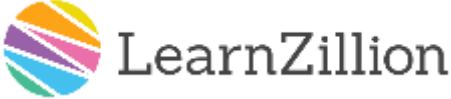




Internet Resources

Textbook Online: connected.mcgraw-hill.com

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

Learning Links to build background knowledge and to preview 1st Grade:

Skill & Concept	Website	Link
Early Math	 <p>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.</p>	https://www.khanacademy.org/math/early-math
Add & Subtract within 20		https://learnzillion.com/lesson_plans/4965-add-and-subtract-within-20-on-an-open-number-line
Word Problems using addition and subtraction		http://www.abcya.com/first_grade_word_problems_add_subtract.htm
Count to 120		https://www.youtube.com/watch?v=RgbAcoPpxwk

