
Ordering and Comparing Length Measurements as Numbers

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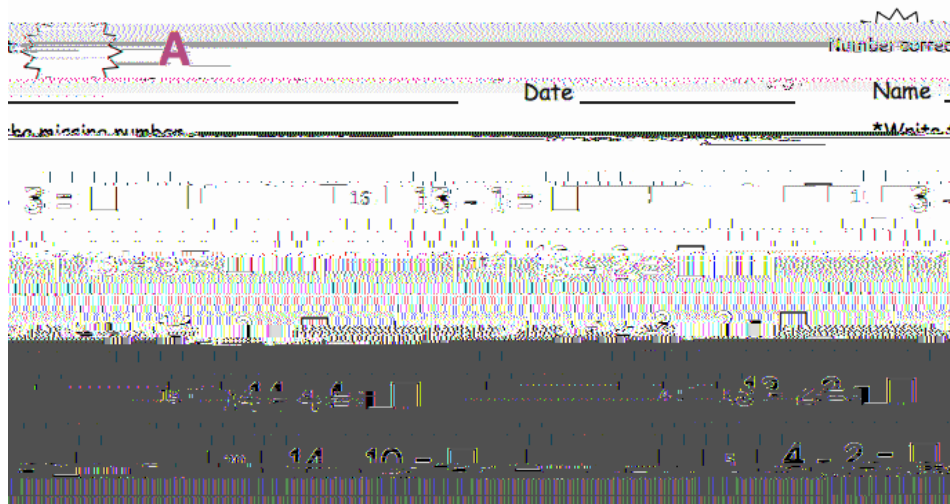
+ How you can help at home:

! Give your student as many opportunities to

Key Common Core Standards:

- *Represent and solve problems using addition and subtraction*
- *Measure lengths indirectly and by iterating (repeating) length units*
 - *Order three objects by length*
 - *Express the length of an object as a number of small length units, by laying multiple copies of a shorter object end to end*
- *Represent and interpret data*
 - *Organize, represent, and interpret data with up to three categories, ask and answer questions about the total number of data points*

Sample from a Sprint in Lesson 1



Spotlight on Math Strategies:

Sprints

Sprints are a fluency tool used throughout the grades in *A Story of Units*.

A Story of Units has several key mathematical tools that will be used throughout a student's elementary years.

Sprints are high-energy classroom activities in which students complete as many math facts as they are able in a set amount of time. Care is taken during a sprint to make sure that all students are working as hard as they can to recall facts, notice patterns within the sprint page, and do their personal best. To this end, sprints are designed to come in pairs, so that students can try the first sprint (Sprint A), assess their correct and incorrect answers, and then try to improve their score on Sprint B, given immediately after assessing Sprint A.

Sprints are one of the primary ways in *A Story of Units* in which students gain fluency and competency with math facts, a key building block skill for computation and comprehension throughout elementary school.

Sample Problem from Module 3
(from Lesson 6):

Julia's lollipop is 15 centimeters long. She measured the lollipop with 9 red centimeter cubes and some blue centimeter cubes.
How many blue centimeter cubes did she use?

This sample solution is an excellent example of a centimeter cube diagram, a math sentence (equation), and a complete sentence in words that all show the solution to the problem.