



# Eureka Math Tips for Parents

Grade K • Module 3

## Comparison of Length, Weight, Capacity and Numbers to 10

In this Module, we will continue to support our growing number sense by comparing lengths, weights, and capacity of containers. Toward the end of the module, we build to comparing actual numerals.

## Grade Level Standards

K.CC.6, K.CC.7, K.MD.1, K.MD.2

## Student Report Card

- Not addressed by KIDS
- COG-4: Measurement (not a U-46 measure)

## Key Vocabulary



- Balance Scale: tool used for weigh measurement
- Capacity: with reference to volume
- Compare: specifically using direct comparison
- Endpoint: with reference to alignment for direct comparison
- Endpoint: with reference to alignment for direct comparison
- Enough/Not Enough: comparative term
- Heavier than/lighter than: weight comparison
- Height: vertical distance measurement from bottom to top
- Length: distance measurement from end to end; in a rectangular shape, length can be used to describe any of the four sides
- Longer than/Shorter than: length comparison
- More than/less than: volume, are and number comparison
- The same as: comparative term
- Weight: heaviness measurement

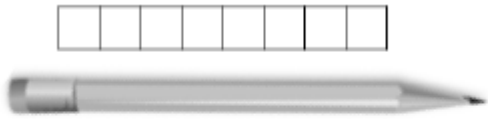
## How you can help at home:



- Sort a bag of candy by color. Count each color. What color has the most? What color has the least?
- Continue to review and practice counting numbers up to 10.
- Trace your foot with chalk outside. Trace a friend's or family member's foot too. Which foot is longer?
- Get three different cups. Put them in order from shortest to tallest.
- Find 3 objects in the home that are longer than your shoe.

# Models and Representations

We begin to compare linking cube sticks to objects.



***The pencil is longer than the linking cube stick, and the linking cube stick is shorter than the pencil.***

To continue the decomposition work from Module 1. Students will break their 5-stick into two parts. This encourages their fluency with facts to 5.

These blocks show that 5 can decompose to 2 and 3.



These blocks show another way to decompose 5 is 1 and 4.



Students use a balance scale to measure weight. They will determine if an object is heavier than, lighter than, or the same as the other object measured.



***The book weighs the same as the 8 blocks.***

We will compare volume using more than, less than, and the same.

*Example: Students will see that one container holds more rice than another by pouring rice from the first container into a smaller empty one.*



We shift from comparison of length, weight, and volume to comparison of numbers.



*two is less than three*

Which set has more? Which set has less? How do you know?

