

KEY CONCEPT OVERVIEW

During the next few days, our math class will learn about length and height by comparing two objects side by side. When students hold a new pencil next to a new crayon, for example, they find that the pencil is longer and the crayon is shorter. Students discover that when two objects they are comparing are not aligned, it becomes more difficult to tell which is taller, or longer, and which is shorter. For example, “If I stand on a chair, it seems as if I’m taller than my teacher!” Students learn to line up **endpoints** before comparing lengths. For example, “When we stand side by side, it’s easy to see that my teacher is taller. Our feet are the endpoints.”

You can expect to see homework that asks your child to do the following:

- Draw something taller or shorter than the object pictured.
- Find objects at home that are longer or shorter than a length of string.
- Compare the length of the object pictured with the length of a new crayon.

SAMPLE PROBLEM (From Lesson 1)

In each pair, circle the shorter object.



Additional sample problems with detailed answer steps are found in the *Eureka Math Homework Helpers* books. Learn more at GreatMinds.org.

HOW YOU CAN HELP AT HOME

- Play I Spy with household items, providing clues related to their length (longer/shorter) and height (taller/shorter). For example, say, “I spy something longer than an eraser but shorter than a pencil.” Encourage your child to ask questions (e.g., “Is it a cup?” “Is it a spoon?”), and continue to provide clues until your child is able to guess the item you spied.
- Choose an object. Ask your child to find something in your home that is the same length as that object.

TERMS

Endpoint: The point where something begins or ends.

