

Lesson 7

Using Rods to Build a Number Line

My Learning Goals

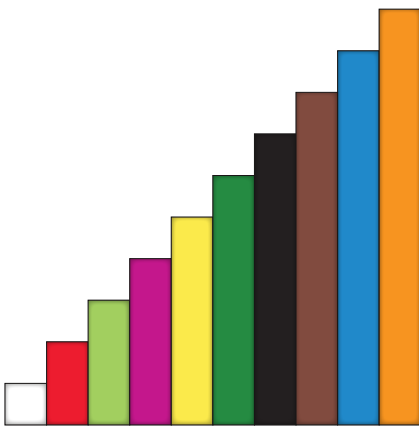
I can draw and explain a bar partitioned into unit fractions.

I can label each equal part on a number line as a unit fraction.

I can partition bars into parts with equal areas and label those areas as unit fractions.

Activate Stacking Rods

➤ Think about the colored rods.



How many red rods can you stack to create a tower the same height as 1 brown rod?

When the brown rod represents 1 whole, how would you describe the length of the red rod?



Explore Tracing Rods

➤ For each question, the rectangle represents 1 whole. Trace the white rod to exactly match the whole. Then, describe the white rod as a unit fraction based on the whole.

**Reflect** Reflect and Summarize

➤ Think about what you learned in this lesson.

- 1 Choose a rod to represent a whole. Which colored rod can you trace to make a number line that has sections that are $\frac{1}{3}$ of the whole? Show your work.