

KEY CONCEPT OVERVIEW

In Lessons 14 through 19, students learn to place and compare fractions on the number line.

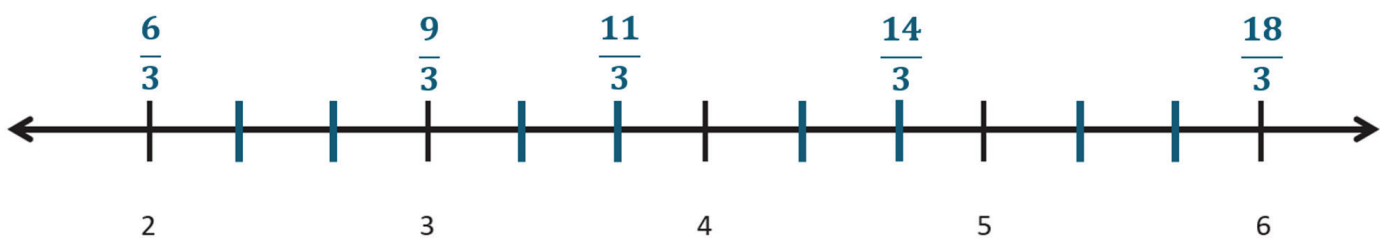
You can expect to see homework that asks your child to do the following:

- Locate and label fractions on a number line.
- Identify the location of whole numbers on the number line and rename those whole numbers in fraction form (e.g., $1 = \frac{3}{3}$, $2 = \frac{6}{3}$, $3 = \frac{9}{3}$).
- Use number lines as tools to compare fractions by reasoning about the distance of the fraction from zero and from other fractions.

SAMPLE PROBLEM (From Lesson 17)

Locate and label the following fractions on the number line.

$$\frac{6}{3}, \frac{18}{3}, \frac{9}{3}, \frac{11}{3}, \frac{14}{3}$$

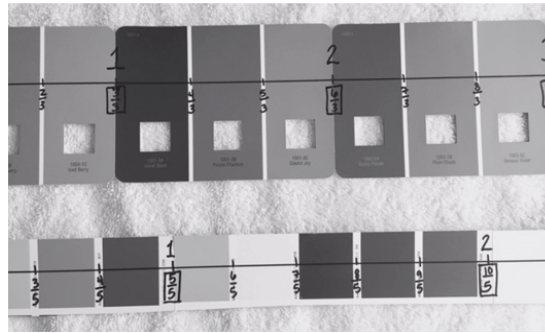


To LEARN MORE by viewing a video about the importance of students learning about fractions on the number line, visit eurmath.link/fractions-are-numbers.

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

- Collect a few free paint sample strips from a hardware store and tape several of the same size and style together, end to end. Ask your child to use a permanent marker and a straight edge to draw a number line across the paint samples. Each paint sample strip represents a whole number and each change of color on the card represents the next fraction. (See image below.) Have your child mark off and label fractions and draw boxes around fractions that are equivalent to whole numbers.



- Let your child play with a tape measure and have a discussion about what is labeled between the numbers. Not all tape measures are labeled the same way, so consider taking a trip to the hardware store to examine different tape measures. Talk about which fractions appear on the tape measure and why.

