



Ordering Fractions on the Number Line 0-2

The interactive white board tool for this lesson can be found on our website under Resources and Teacher Tools. (www.dreambox.com/teachertools)

In this DreamBox lesson, students use the fraction number line to learn that fractions greater than 1 have values that can be ordered and compared.

Sample Lesson

Objective: Students will learn to order and compare fractions greater than one.

Background: Students should have background knowledge of proper and improper fractions as well as understand fractions represent a part to whole relationship.

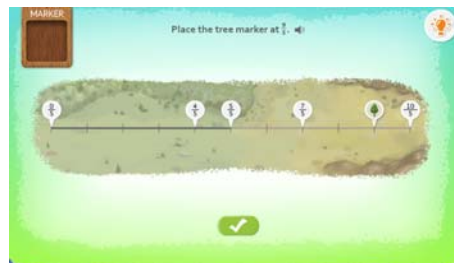
Instruction:



1. Begin by opening the teacher tool and reviewing the difference between improper and proper fractions.
2. Choose one student to come to the board and place the marker where they think it goes and explain why they chose that spot.

Possible Responses:

- 7 is bigger than 5 so I know the fraction is bigger than 1.
- $7/5$ is an improper fraction so it is greater than 1.
- I noticed there are markers on the number line so I counted to 7.
- $7/5$ is 2 markers above one whole.



3. If the student needs a hint, encourage them to use the hint button. If the student gets the answer incorrect, have a class discussion about how to get the correct the answer. To further assist students, the existing markers will change to their fraction equivalent.

4. Repeat the process with several students allowing them to place the tree markers on the number line. Then continue to give students the opportunity to share their strategies as new number lines appear.