

Non-unit Fractions on the Number Line

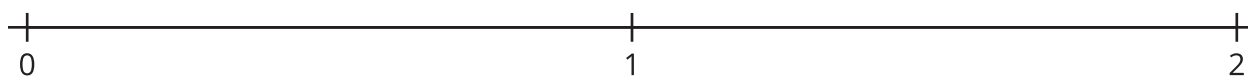
Let's locate non-unit fractions on the number line.



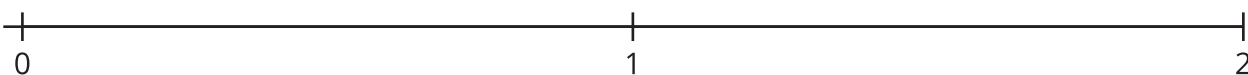
Activity 2

Fractions on the Number Line

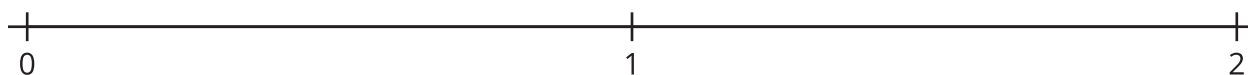
1. Locate and label $\frac{3}{4}$ and $\frac{6}{4}$.



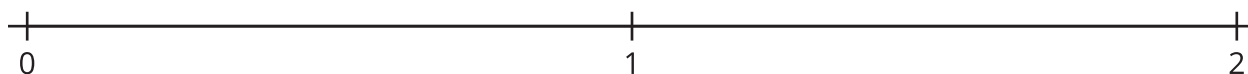
2. Locate and label $\frac{7}{8}$ and $\frac{12}{8}$.



3. Locate and label $\frac{2}{3}$ and $\frac{4}{3}$.



4. Locate and label $\frac{2}{6}$ and $\frac{7}{6}$.



5. How did you partition the number line when you were locating the numbers $\frac{7}{8}$ and $\frac{12}{8}$? Explain your reasoning.

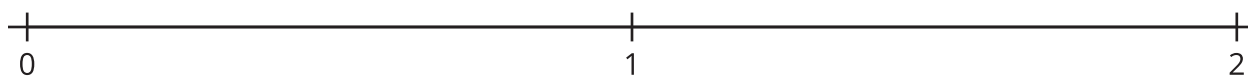
6. What patterns did you notice in the fractions you located?



Activity 3

What's the Fraction?

1. Partition the number line into any number of equal-size parts. Locate and mark, but don't label, a fraction of your choice.



2. Trade number lines with a partner.

- a. How did your partner partition their number line?

- b. What number did your partner mark on their number line? Explain your reasoning.

If you have time, use the number lines to repeat the activity.

