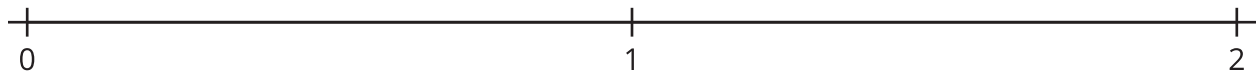# Non-unit Fractions on the Number Line

Let's locate non-unit fractions on the number line.
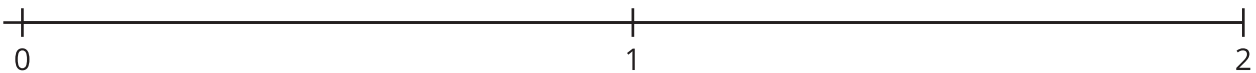
Activity 2

Fractions on the Number Line
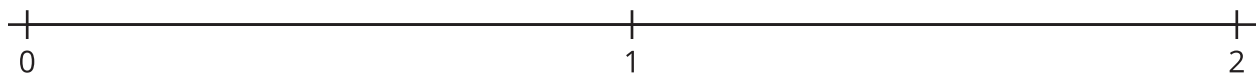
1. Locate and label $\frac{3}{4}$ and $\frac{6}{4}$.

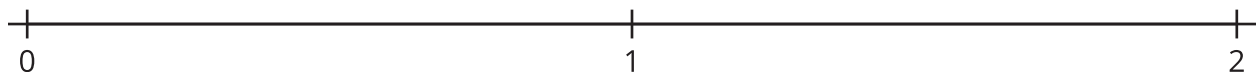   0   1   2

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

   0   1   2

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

   0   1   2

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

   0   1   2

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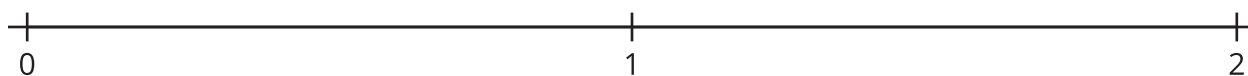
_____

_____

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

_____

_____

_____

_____

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.

```
0                          1                          2
```

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.

```
0                          1                          2
```

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0                          1                          2
```