Locate Unit Fractions on the Number Line

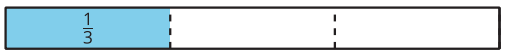
Let's partition the number line to locate unit fractions.

Warm-up

Which Three Go Together: Fraction Details

Which 3 go together?

A



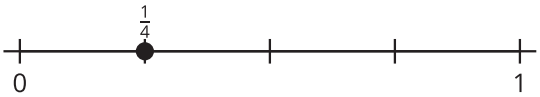
B



C



D



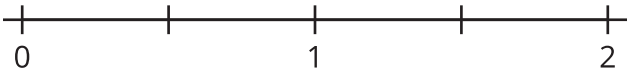
Activity 1

Partition Fourths

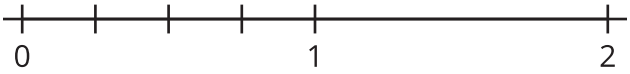
Three students are partitioning a number line into fourths. Their work is shown.



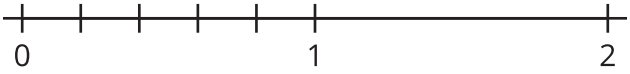
Clare's number line:



Andre's number line:



Diego's number line:



Whose partitioning makes the most sense to you? Explain your reasoning.

Activity 2

Unit Fractions on the Number Line

Partition each number line. Locate and label each fraction.

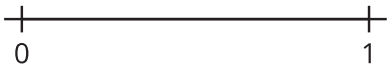
1. $\frac{1}{4}$



2. $\frac{1}{8}$



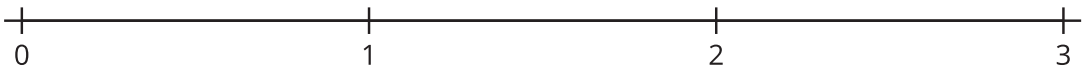
3. $\frac{1}{3}$



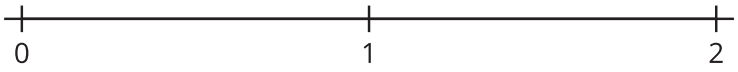
4. $\frac{1}{6}$



5. $\frac{1}{2}$



6. $\frac{1}{4}$



7. $\frac{1}{8}$



8. $\frac{1}{3}$

