

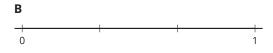
Lesson 6: Locate Unit Fractions on the Number Line

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

Warm-up: Which One Doesn't Belong: Fraction Details

Which one doesn't belong?







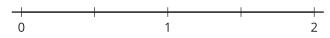




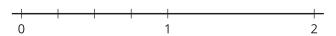
6.1: Partition Fourths

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

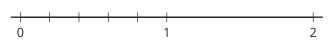
Clare's number line:



Andre's number line:



Diego's number line:



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





6.2: Unit Fractions on the Number Line

Partition each number line. Locate and label each fraction.

1. $\frac{1}{4}$ $\frac{1}{0}$ $\frac{1}{1}$

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

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

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

6. $\frac{1}{4}$ $\frac{1}{0}$ $\frac{1}{1}$ $\frac{1}{2}$

7. $\frac{1}{8}$ $\frac{1}{0}$ $\frac{1}{1}$ $\frac{1}{2}$ $\frac{1}{3}$ $\frac{1}{4}$

8. $\frac{1}{3}$ $\frac{1}{0}$ $\frac{1}{1}$ $\frac{1}{2}$ $\frac{1}{3}$

9. $\frac{1}{6}$ $\frac{1}{0}$ $\frac{1}{1}$ $\frac{1}{2}$