## Lesson 2: Create Your Own Number Line

* Let’s create number lines and compare fractions.

### Warm-up: Which One Doesn’t Belong: Fractions on Number Lines

Which one doesn’t belong?

A

B

C

D

### 2.1: Create Your Own Number Line

Create a long number line on the floor.

Locate and label each fraction on the number line. Be prepared to explain your reasoning.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 1 | 2 | $\frac{1}{2}$ | $\frac{1}{3}$ | $\frac{6}{2}$ | $\frac{12}{3}$ | $\frac{1}{4}$ |
| $\frac{5}{4}$ | $\frac{6}{6}$ | $\frac{5}{6}$ | $\frac{9}{8}$ | $\frac{15}{8}$ | $\frac{5}{3}$ | $\frac{18}{6}$ | $\frac{2}{8}$ |

### 2.2: Make a Statement

Write 6 fraction comparison statements about the numbers on your number line. Include 2 statements for each symbol ($>$, $=$, and $<$).

1.
2.
3.
4.
5.
6.

Choose 2 statements you wrote. Use numbers, pictures, or words to show that they are true.



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