



# How Do You Compare Fractions?

Let's represent and compare fractions.

## Warm-up

### Number Talk: Which Whole Numbers?

Find the whole number equivalent to each fraction.

- $\frac{16}{1}$

- $\frac{16}{2}$

- $\frac{16}{4}$

- $\frac{20}{4}$



## Activity 1

### Equivalent or Not?

Are these fractions equivalent? Show your thinking, using diagrams, symbols, or other representations.

1.  $\frac{1}{2}$  and  $\frac{1}{3}$

2.  $\frac{4}{6}$  and  $\frac{5}{6}$

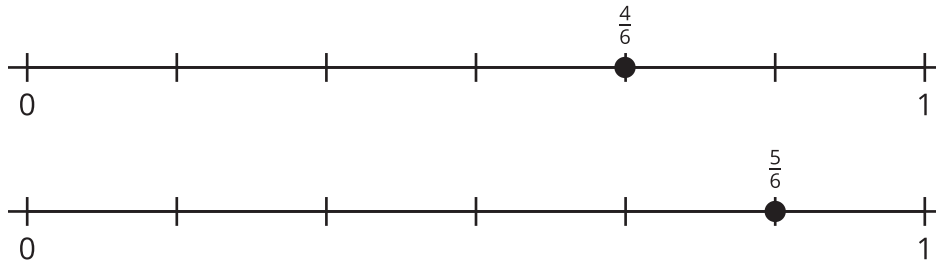
3.  $\frac{3}{4}$  and  $\frac{6}{8}$



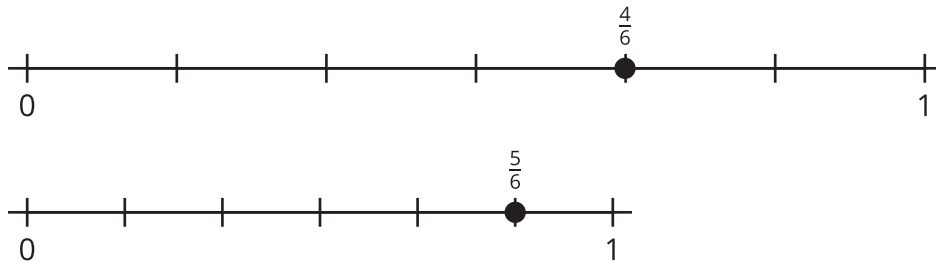
## Activity 2

### Same Fractions, Different Results?

Han says  $\frac{4}{6}$  is less than  $\frac{5}{6}$ . His work is shown.



Lin says  $\frac{4}{6}$  is greater than  $\frac{5}{6}$ . Her work is shown.



Why might Han and Lin make different comparison statements for the same fractions?

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