Lesson 14: How Do You Compare Fractions?

- Let's represent and compare fractions.

Warm-up: Number Talk: Which Whole Numbers?

Find the whole number that each fraction is equivalent to.

- $\frac{16}{1}$

- $\frac{16}{2}$

- $\frac{16}{4}$

- $\frac{20}{4}$

14.1: Equivalent or Not?

Are these fractions equivalent? Show your thinking using diagrams, symbols, or other representations.
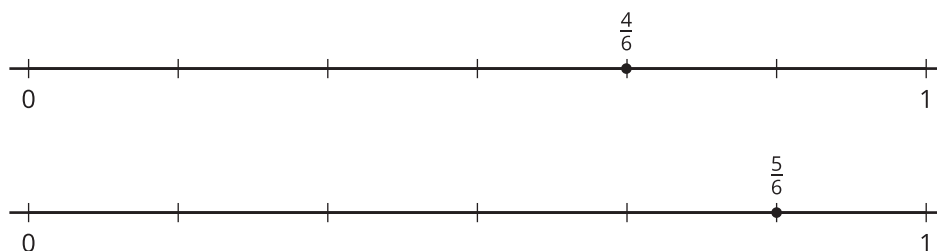
1. $\frac{1}{2}$ and $\frac{1}{3}$

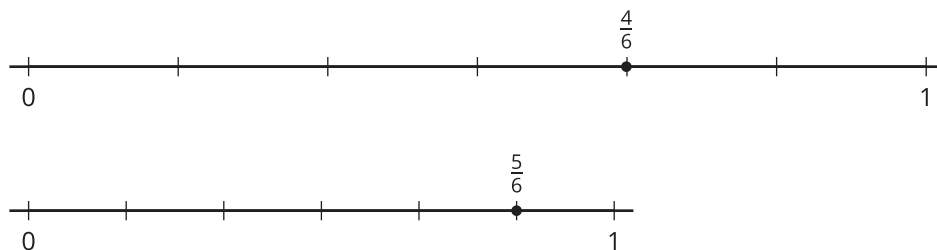2. $\frac{4}{6}$ and $\frac{5}{6}$

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

14.2: Same Fractions, Different Result?

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

$$\frac{4}{6}$$

0   1

$$\frac{5}{6}$$

0   1

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

$$\frac{4}{6}$$

0   1

$$\frac{5}{6}$$

0   1

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

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