

Comparing Fractions on the Number Line

In **1–3**, compare. Write $<$, $>$, or $=$.

Draw number lines to help.

1. $\frac{3}{4} \bigcirc \frac{1}{4}$

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

3. $\frac{6}{8} \bigcirc \frac{7}{8}$

In **4–6**, compare. Write $<$, $>$, or $=$.

Draw number lines to help.

4. $\frac{1}{2} \bigcirc \frac{1}{4}$

5. $\frac{2}{3} \bigcirc \frac{2}{4}$

6. $\frac{1}{4} \bigcirc \frac{1}{8}$

7. **Use Structure** When do you need to use two number lines to compare two fractions?

- A When you compare fractions that have the same denominators.
- B When you compare fractions that have different denominators.
- C When you compare fractions that are greater than 1.
- D When you compare fractions that refer to different wholes.

8. **Reason** Explain how you can use a number line to show that $\frac{5}{8}$ is greater than $\frac{3}{8}$.
