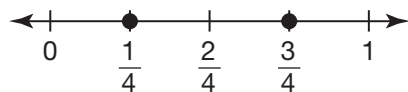


Comparing Fractions on the Number Line

Yoko used a number line to compare $\frac{1}{4}$ and $\frac{3}{4}$.



She marked where $\frac{1}{4}$ and $\frac{3}{4}$ are on the number line.
Then she looked for the fraction that was farther to the right.
She wrote $>$ to show which fraction is greater.

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

1. Mark $\frac{2}{3}$ and $\frac{1}{3}$ on the number line below.

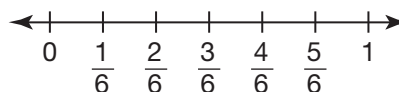
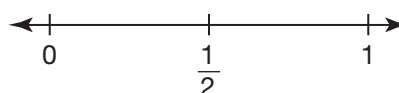


Which fraction is greater, $\frac{2}{3}$ or $\frac{1}{3}$?
Hint: It will be farther to the right.

Write $>$ or $<$.

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

2. Mark $\frac{1}{2}$ and $\frac{1}{6}$ on the number lines below.



Which fraction is greater, $\frac{1}{2}$ or $\frac{1}{6}$?
Hint: It will be farther to the right.

Write $>$ or $<$.

$$\frac{1}{2} \bigcirc \frac{1}{6}$$

3. **Use Structure** Simon is comparing $\frac{1}{3}$ yard and $\frac{2}{3}$ yard of rope.
Circle the two denominators.

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

Since the denominators are the same, Simon can compare them on the same number line. Which number line should he use?

