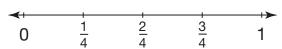
## **Locating Fractions on the Number Line**

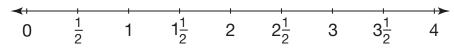
Number lines can be used to show fractions. In the number lines below, the denominator shows the number of equally sized sections between 0 and 1.



This number line is divided into fourths.

This number line is divided into sixths.

Number lines can also represent mixed numbers.



This number line is divided into halves.

Write the missing fraction or mixed number for each number line.

1.  $0 \frac{1}{8} \frac{2}{8} \frac{3}{8}$ 

2.  $0 \quad \frac{1}{3} \quad \frac{2}{3} \quad 1 \quad 1\frac{1}{3} \quad 2 \quad 2\frac{1}{3} \quad 2\frac{2}{3} \quad 3$ 

3.  $0 \frac{2}{4} 1 1 \frac{1}{4} 2 2\frac{1}{4} 3$ 

**4. Construct Arguments** Erica said that  $1\frac{3}{4}$  is between 2 and 3 on a number line. Do you agree? Why or why not?