Fraction Worksheets
(Fractions on the Number Line)

2. Draw a number line. Use a fraction strip to locate 0 and 1. Fold the strip to make 8 equal parts. Use the strip to measure and label your number line with 8 unit fractions.

Count up from 0 eighths to 8 eighths on your number line. Touch each number with your finger as you count.

3. For his boat, James stretched out a rope with 5 equally spaced knots as shown.
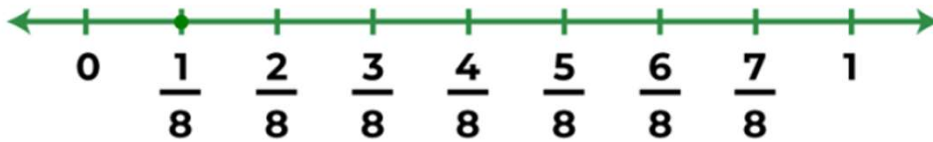

a. Starting at the first knot and ending at the last knot, how many equal parts are formed by the 5 knots? Label each unit fraction at the knot.

b. What fraction of the rope is labeled at the third knot?

c. What if the rope had 6 equally spaced knots along the same length? What fraction of the rope would be measured by the first 2 knots?

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2. Draw a number line. Use a fraction strip to locate 0 and 1. Fold the strip to make 8 unit fractions. Use the strip to measure and label your number line with 8 unit fractions.

$$0 \quad \frac{1}{8} \quad \frac{2}{8} \quad \frac{3}{8} \quad \frac{4}{8} \quad \frac{5}{8} \quad \frac{6}{8} \quad \frac{7}{8} \quad 1$$

Count up from 0 eighths to 8 eighths on your number line. Touch each number with your finger as you count.

3. For his boat, James stretched out a rope with 5 equally spaced knots.

a. Draw his rope.

$$\frac{0}{5} \quad \frac{1}{5} \quad \frac{2}{5} \quad \frac{3}{5} \quad \frac{4}{5} \quad \frac{5}{5}$$

b. Starting at the first knot and ending at the last knot, how many unit fractions are formed by the 5 knots? Label each unit fraction at the knot. **5 unit fractions**

c. What fraction of the rope is labeled at the third knot? $\frac{3}{5}$

d. What if the rope had 6 equally spaced knots? What fraction of the rope would be measured by the first 2 knots? $\frac{2}{6}$

$$\frac{0}{6} \quad \frac{1}{6} \quad \frac{2}{6}$$