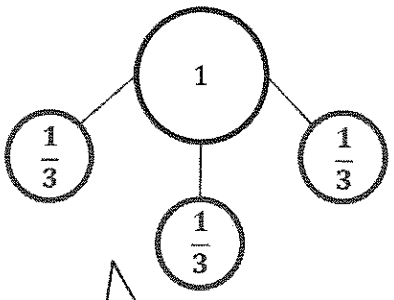
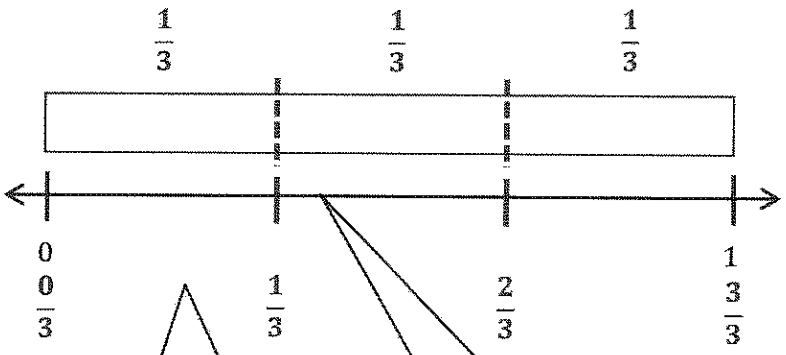
G3-M5-Lesson 14

1. Draw a number bond for each fractional unit. Partition the fraction strip to show the unit fractions of the number bond. Use the fraction strip to help you label the fractions on the number line. Be sure to label the fractions at 0 and 1.

Thirds





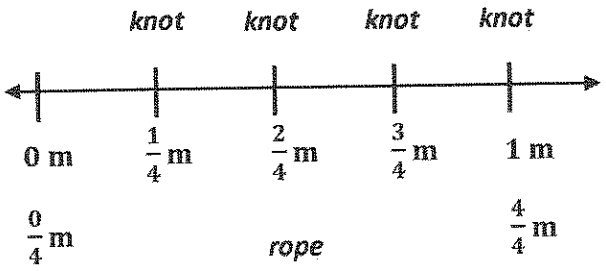
The fractional unit is thirds. The number bond shows that three copies of $\frac{1}{3}$ make 1 whole.

I partitioned the fraction strip (the rectangle above the number line) into 3 equal parts and labeled each part $\frac{1}{3}$. The 3 copies of $\frac{1}{3}$ on my fraction strip match the 3 copies of $\frac{1}{3}$ shown by my number bond.

My number line and fraction strip are the same length, so I used the partitions on my fraction strip to help me know where to make tick marks on my number line. Then, I counted thirds from left to right and labeled how many thirds I counted at each tick mark: $\frac{0}{3}, \frac{1}{3}, \frac{2}{3}, \frac{3}{3}$.

2. A rope is 1 meter long. Mr. Lee makes a knot every $\frac{1}{4}$ meter. The first knot is at $\frac{1}{4}$ meter. The last knot is at 1 meter. Draw and label a number line from 0 meters to 1 meter to show where Mr. Lee makes knots. Label all the fractions, including 0 fourths and 4 fourths. Label 0 meters and 1 meter, too.

Mr. Lee makes knots every $\frac{1}{4}$ meter, so his rope must be partitioned into 4 equal parts.



I can draw a number line to represent Mr. Lee's rope and then partition it into 4 equal parts. I can count by fourths from left to right starting at 0, or 0 fourths, and label them at each tick mark: 0 fourths, 1 fourth, 2 fourths, 3 fourths, 4 fourths, or 1 meter.