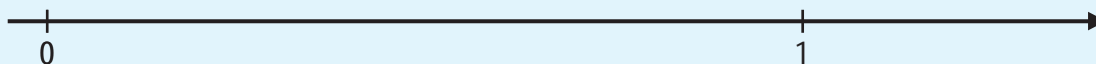


19. The set of all fractions of the same denominator - the fraction ruler

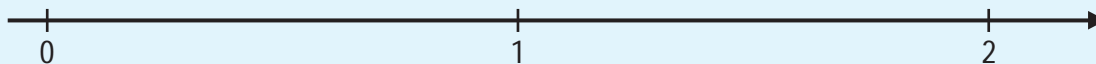
Consider the fractions $\frac{2}{3}$ and $\frac{3}{3}$.

a. Mark the point corresponding to each of the fractions using an appropriate partitioning card.

Write each fraction above its point.



b. Now mark the fractions on this line using an appropriate partitioning card.



c. The ruler of $\frac{1}{3}$

- Take the fraction rulers.

Find a ruler that has **fractions with denominator 3**.

To which one of the above lines does it correspond? (Compare the unit segments.) _____

- Copy the fraction $\frac{5}{3}$ from the ruler onto the **appropriate line**.

Discussion

- Onto which line can we copy points from the ruler?
- Why is the second line not appropriate for the ruler?
- How is the ruler similar to the appropriate line?
- How do we copy a fraction from the ruler onto the appropriate line?

- Copy more points and fractions from the ruler of $\frac{1}{3}$ onto the appropriate line.

