



I split 1 whole unit into 3 equal parts. Each length is $\frac{1}{3}$. 2 parts is $\frac{2}{3}$

$\frac{2}{3}$ is the name of the point and the length from 0 to the point.

If I split each part into 2, there are $2 \times 3 = 6$ parts in 1 whole each part is $\frac{1}{6}$

2 larger ($\frac{1}{3}$) parts \rightarrow 2x2 smaller parts
 so $\frac{4}{6} = \frac{2}{3}$