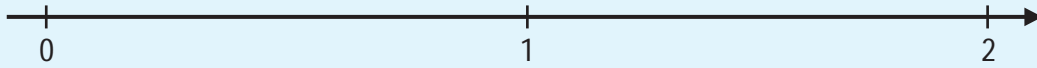


D. Fractions and mixed numbers on the number line

21. Comparing two fractions and ordering a set of fractions

1

- a. Use a fraction ruler and mark **accurately** the fraction $\frac{2}{3}$ on the following line. Choose a color, and use it to mark the fraction point and the segment between 0 and $\frac{2}{3}$.



- b. Choose another color. Use it to mark on the same line the fraction $\frac{3}{4}$ and the segment between 0 and $\frac{3}{4}$.
- c. Which of the two fractions is further away from 0, $\frac{3}{4}$ or $\frac{2}{3}$? _____

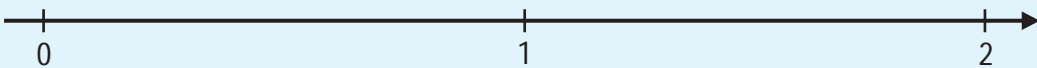
The fraction whose point is further away from 0 is the greater fraction.

- d. Write $<$ or $>$ or $=$ between the two following fractions: $\frac{3}{4}$ $\frac{2}{3}$

2

- a. Using fraction rulers, mark on the following number line the fractions:

$$\left(\frac{13}{9}\right), \left(\frac{12}{15}\right), \left(\frac{4}{5}\right), \left(\frac{3}{8}\right).$$



- b. How many points have you marked on the line?

- c. Write the four fractions by their order, from the smallest to the greatest. (You can write equal fractions one above the other.)

The smallest

The greatest