

D. Fractions and mixed numbers on the number line

17. A fraction smaller than 1 as a point on the number line

How do we find the point corresponding to a fraction on the number line?

Example:

That's how we find the point corresponding to $\frac{3}{4}$:

a. We divide the unit segment between 0 and 1 into 4 equal parts.

The number of equal parts between 0 and 1 is the **denominator**.

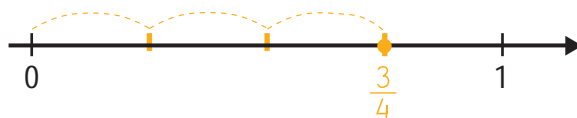


b. Now we start at 0 and count 3 steps (equal parts).

We mark the point we have reached.

The number of equal parts between 0 and this point is the **numerator**.

c. The point we marked is the point corresponding to $\frac{3}{4}$.



Use an appropriate partitioning card and mark the point corresponding to the fraction. Write the fraction beside it as in the above example.



Mark on the same line the number 2 as well.