

Fractions on a Number Line

3rd Grade

Fractions are numbers, and each one has a home between 0 and 1.

A fraction is a number, not just a piece of pizza. It sits at a fixed point on the line.

1 READ THE BOTTOM NUMBER

1

It tells you how many equal jumps to split 0 to 1 into.

2 MAKE THE JUMPS

2

Fifths? Split it into five equal gaps, not five marks.

3 COUNT UP FROM ZERO

3

The top number says how many jumps to take.

4 LAND AND LABEL

4

$\frac{3}{5}$ is three jumps along, still short of 1.

WORKED

$\frac{1}{2}$ is halfway to 1

$\frac{3}{4}$ is closer to 1 than to 0

$\frac{5}{5}$ lands exactly on 1

$\frac{7}{4}$ goes past 1 — that is fine

Split the gaps, not the marks. Five marks give four gaps, which is the usual mistake.