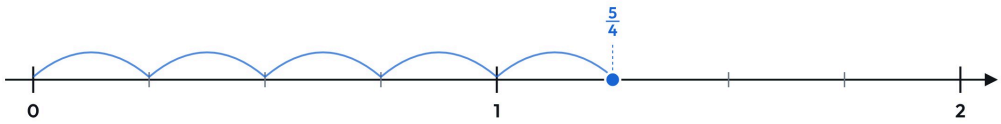
Name _____ Date _____

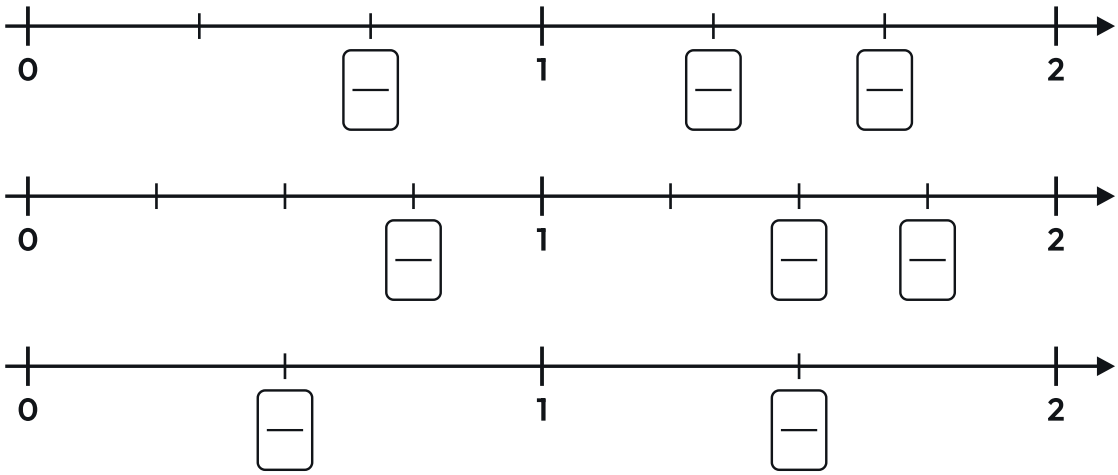
Fractions on the Number Line up to 2

Example

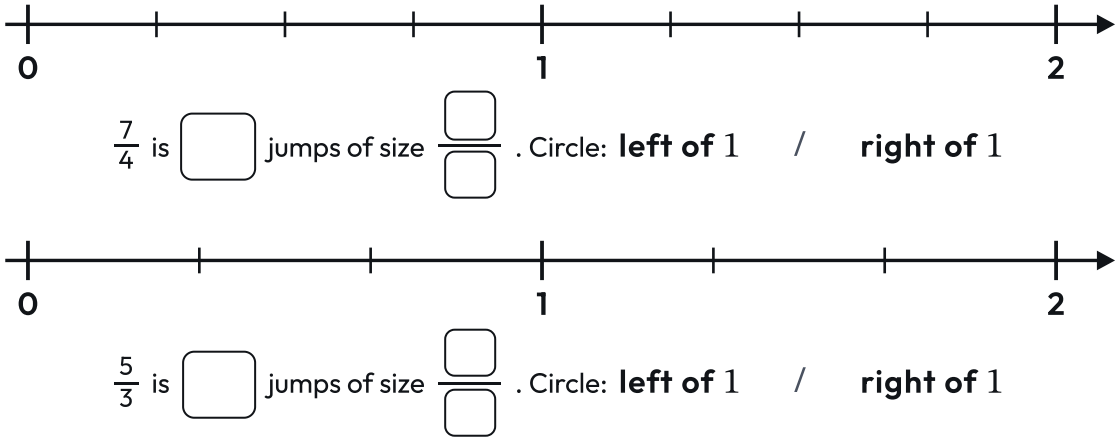


The fraction $\frac{5}{4}$ is **five jumps** of size $\frac{1}{4}$ from zero. After four jumps we reach 1, because $\frac{4}{4} = 1$. The fifth jump goes **to the right of** 1.

1 ON YOUR OWN Write the fractions in the boxes.



2 ON YOUR OWN Draw the jumps from zero and mark the fraction with a dot. Complete the sentence.



$\frac{7}{4}$ is ☐ jumps of size $\frac{\square}{\square}$. Circle: **left of** 1 / **right of** 1

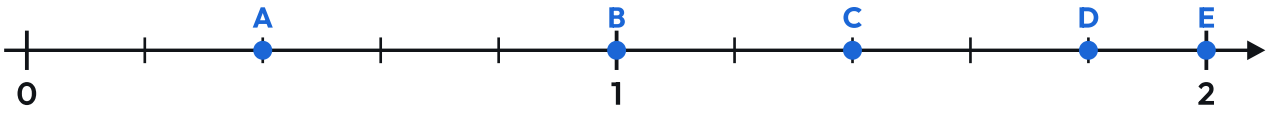
$\frac{5}{3}$ is ☐ jumps of size $\frac{\square}{\square}$. Circle: **left of** 1 / **right of** 1

Names (pair) _____ Date _____

Remember

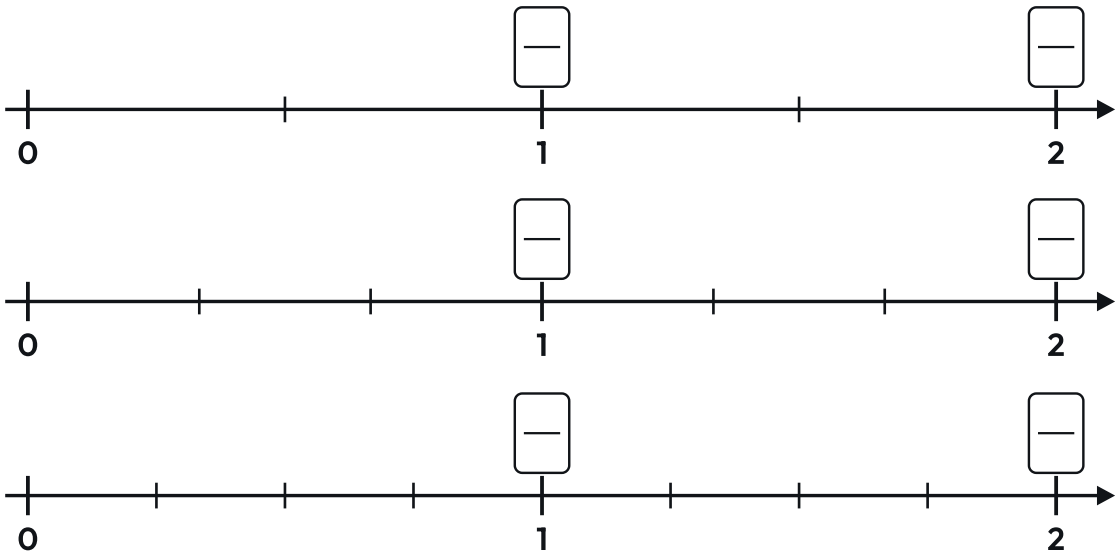
On the line, the fraction $\frac{a}{b}$ is **a jumps** of size $\frac{1}{b}$ from zero. When $a = b$ we reach 1: $\frac{b}{b} = 1$. When the numerator is greater than the denominator, the fraction is **greater than 1** and lies to the right of 1 on the line.

3 IN PAIRS Which fraction belongs to each point? Which two points also have another name, a whole number?



A = ☐/☐ B = ☐/☐ C = ☐/☐ D = ☐/☐ E = ☐/☐

4 IN PAIRS In the boxes above 1 and 2 write fractions with the denominator of each line. Then fill in.



$1 = \frac{2}{2} = \frac{\square}{\square} = \frac{\square}{\square} = \frac{6}{\square}$ $2 = \frac{4}{2} = \frac{\square}{\square} = \frac{\square}{\square} = \frac{\square}{10}$

Name _____ Date _____

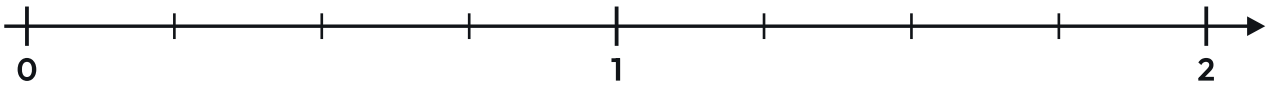
5 ON YOUR OWN Sort the fractions into the table.

$\frac{3}{4}$ $\frac{5}{4}$ $\frac{6}{6}$ $\frac{7}{8}$ $\frac{9}{8}$ $\frac{4}{3}$ $\frac{2}{5}$ $\frac{10}{10}$ $\frac{11}{6}$

less than 1	equal to 1	greater than 1

6 ON YOUR OWN Mark the fractions on the line with dots and write the letter above each dot.

A = $\frac{3}{4}$ B = $\frac{5}{4}$ C = $\frac{8}{4}$ D = $\frac{2}{4}$



The Number Line app · otooly.com/number-line

Choose the range 0 to 2 and split the whole. Turn on **Jumps** and enter a fraction greater than 1, e.g. $\frac{7}{6}$: count the jumps.

★ ON YOUR OWN **Exit card.** Is $\frac{7}{6}$ to the left or to the right of 1? Explain using jumps.

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