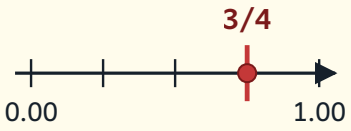
Lesson 31 Fractions on a number line

PLACING THREE QUARTERS ON THE LINE

1. The bottom number is **4**, so split the gap from 0 to 1 into **4** equal jumps.
2. Each jump is one quarter; the ticks show 1/4, 2/4 and 3/4.
3. The top number is **3**, so count **3** jumps from 0 and mark that point.



WARM-UP

Split each line from 0 to 1 into equal jumps and mark the point.

1. Split 0 to 1 into 2 equal jumps and mark one half

2. Split 0 to 1 into 8 equal jumps and mark three eighths

3. Split 0 to 1 into 3 equal jumps and mark one third and two thirds

PRACTICE

1. A hurler jogs from the start line (**0**) to the far goal (**1**). Mark where he is at exactly one fifth of the way.
2. A camogie player sprints from **0** to **1** across the pitch. Mark the point that is one sixth of the way.
3. A footballer runs from **0** to **1** down the field. Mark the point that is five sixths of the way to the goal.

REFLECT How does splitting the gap from 0 to 1 into equal jumps help you place a fraction?

NUMBER