Halves and Quarters on a Number Line

Completed lines and explanation.

1. Quarters: 0, 1/4, 2/4, 3/4, 1



2. Halves: 0, 1/2, 1



3. Put the dot at the third quarter mark.



4. Two quarters equal one half: 2/4 = 1/2.

Both points sit halfway between 0 and 1. The whole has the same length on every line. Count equal spaces between marks, rather than counting the marks themselves.

5. 1/4 < 3/4

One quarter is to the left of three quarters on the number line, so it is the smaller number.