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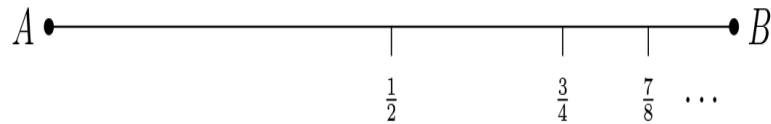
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Zeno's Paradox

The following is a variant of one of the paradoxes attributed to ancient philosopher Zeno of Elea, who lived in the 5th Century BC.

You wish to walk from point A to point B :



In order to do so, you must carry out an ω -sequence of tasks:

Task 1: reach $\frac{1}{2}$ mark

Task 2: reach $\frac{3}{4}$ mark

Task 3: reach $\frac{7}{8}$ mark

\vdots \vdots

Task n : reach $\frac{2^n - 1}{2^n}$ mark

\vdots \vdots

But nobody can complete infinitely many tasks in a finite amount of time. So it is impossible to get from point A to point B . More generally: movement is impossible.

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Zeno on the train

I'm on a train and ask a fellow passenger if it goes to Cambridge, and the answer is "Yes". An hou...

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