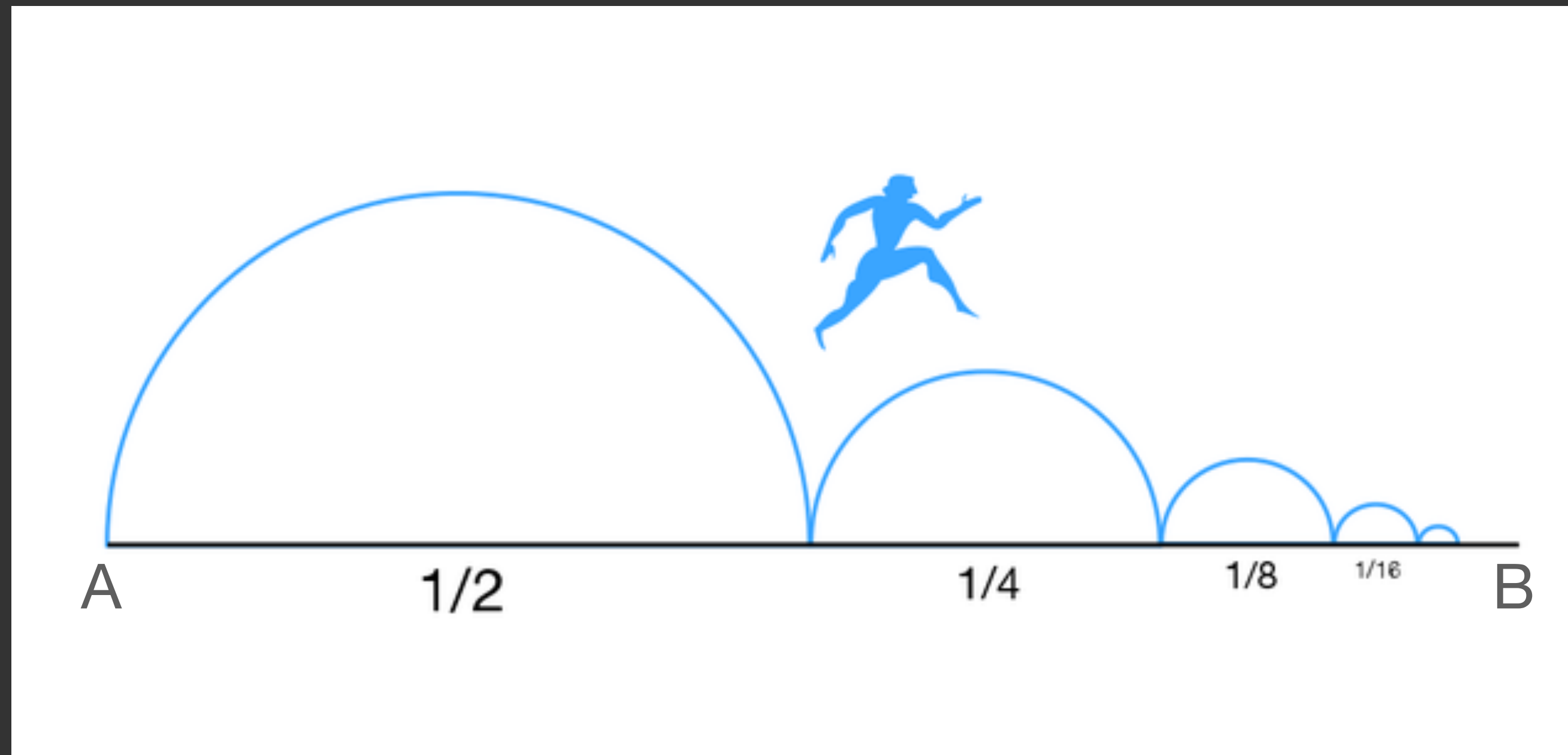


# Zeno's Paradox



- Consider a runner who is to complete a course from point A to point B.
- Imagine that the runner completes half the distance from A to B, and then completes half the remaining distance, and again half the remaining distance, and so on...
- Will the runner ever reach point B?

determine convergence/divergence using limit if  $S_n$