Supertasks

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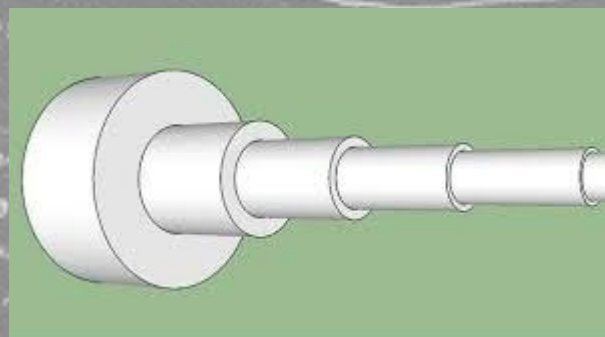ЗЛИСИ B1.2/2

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Outline

Today I'm telling you about supertask by example Gabriel's cake.

Let's cook!

Introdacion.
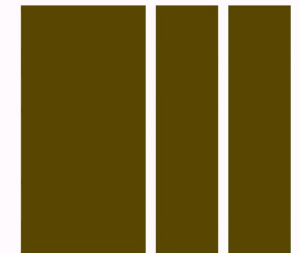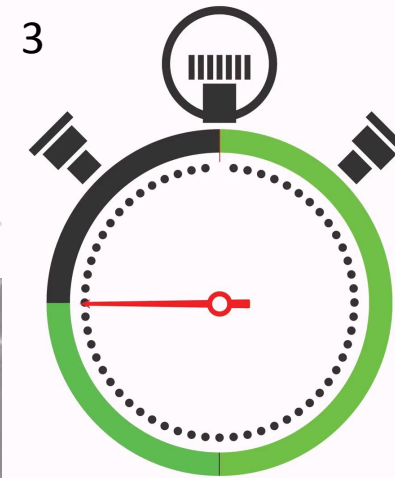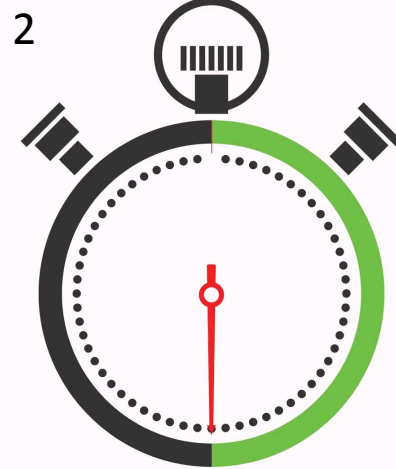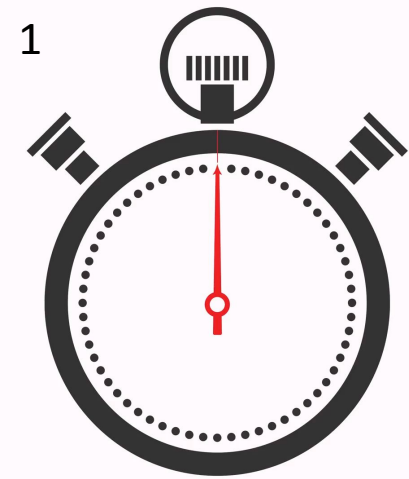
The Paradox of Gabriel's Horn.
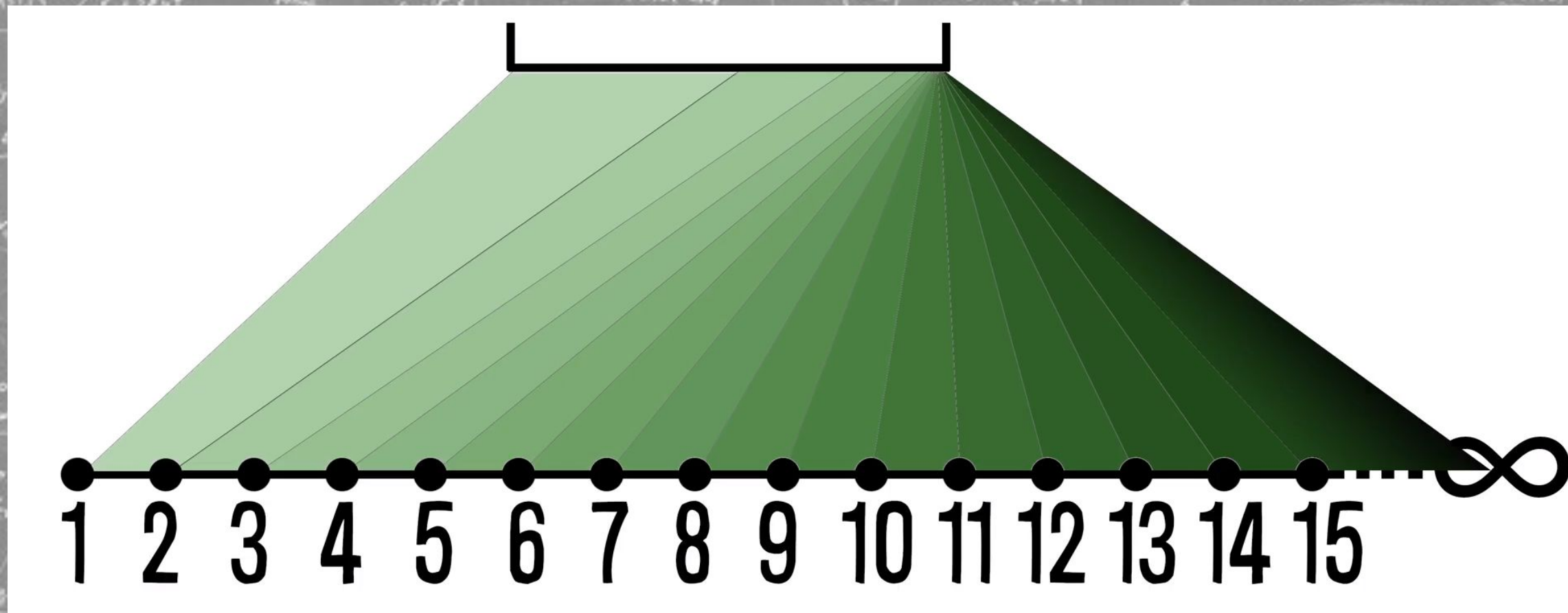

What is a Gabriel's cake?

Gabriel's cake in two minutes

1

2

3

Supertask

Infinitely actions in the limited period of time is a **SUPERTASK**.
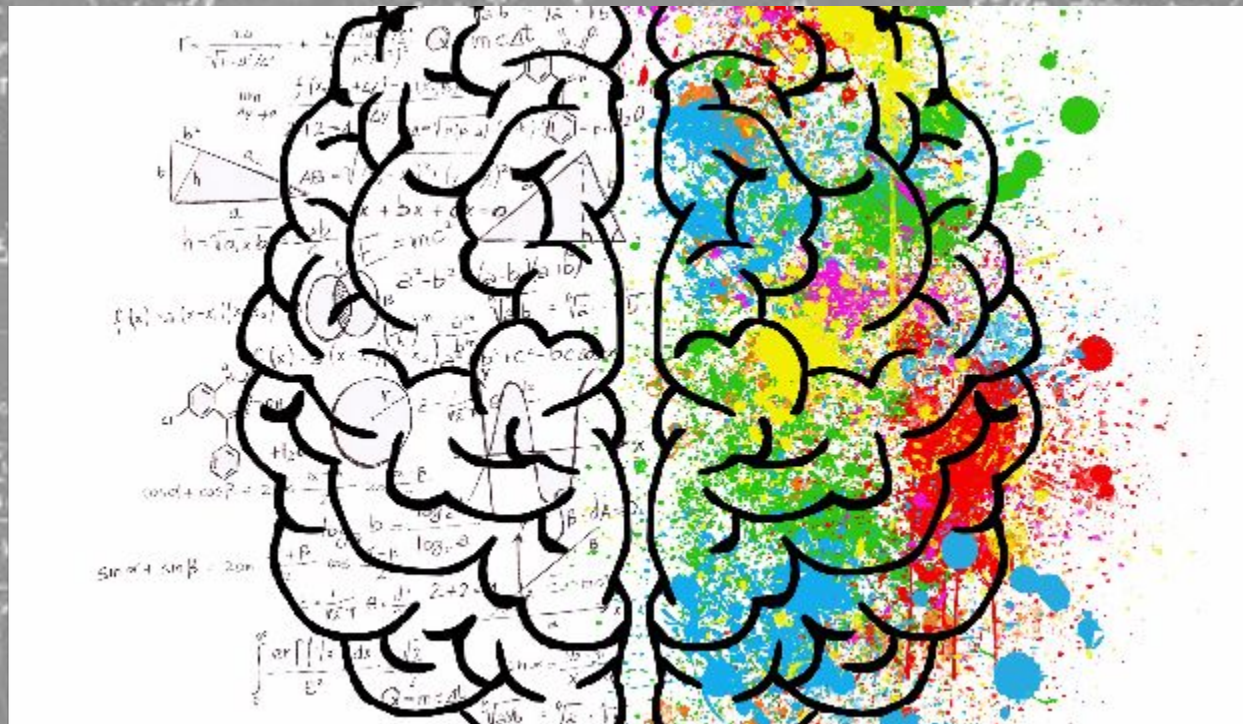
Limitations of the real world

$$\text{Planck Time} = \sqrt{\frac{G\hbar}{c^5}} \qquad = 5.4 \times 10^{-44}\,\text{s}$$

$$\text{Planck Length} = \sqrt{\frac{G\hbar}{c^3}} \qquad = 1.6 \times 10^{-35}\,\text{m}$$

Conclusion

Logically an infinite number of individual actions can be carried out over a finite period of time. But only logically!

Thank for attention!