

Threε Limericks — On Spacε, Timε, and Spεεd

Tim Rowett

Spacε

Seven steps each ten million to one	10^0 meter = 1 meter = a Human Body
Describe the whole space dimension	10^7 meters = Earth's diameter
The Atom, Cell's girth	10^{14} meters = outer Solar System
Our bodies, the Earth	10^{21} meters = Galaxy's diameter
Sun's System, our Galaxy — done!	10^{28} meters = Universe, and a bit more
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	10^{-7} meters = Nucleus of a human cell
	10^{-14} meters = Atom's nucleus

Timε

The Creator, seen as an Army Sergeant Major, barks out his orders for the week.

First thing on Monday, Bang!, Light	A week = 7 days corresponds to
Sun and Earth, form up, Friday night	14 Billion Years
At a minute to twelve	1 day corresponds to 2 Billion Years (USA)
Eve spin, Adam delve	1 minute corresponds to 2 Million Years
In the last millisecond, You, right?	1 Millisecond is 23 Years

Spæzd

A child cycles 'round the schoolyard	7 mph – child cyclist
Which lies on the Earth turning hard	700 mph Earth's surface (North Africa)
The Earth rounds the Sun	70,000 mph, rough average speed of Earth
As Sol does “the ton”	700,000 mph turning speed of Galaxy
And our Galaxy flies – Gee! I'm tired	1.4 million mph Galaxy's speed through the debris of the Big Bang