

		TIMES	
YEARS	SECONDS		MEAN LIFE OF
		? ? ? ? ? ? ? ?	
10 ⁹	10 ¹⁸	Age of universe	
		Age of earth	U ²³⁸
10 ⁶	10 ¹⁵		
		Earliest men	
10 ³	10 ¹²	Age of pyramids	
			Ra ²²⁶
1	10 ⁹	Age of U.S.	
		Life of a man	H ³
	10 ⁶		
		One day	
	10 ³	Light goes from sun to earth	Neutron
	1	One heart beat	
	10 ⁻³	Period of a sound wave	
	10 ⁻⁶	Period of radiowave	Muon
			π^{\pm} -meson
	10 ⁻⁹	Light travels one foot	
	10 ⁻¹²	Period of molecular rotation	
	10 ⁻¹⁵	Period of atomic vibration	
			π^0 -meson
	10 ⁻¹⁸	Light crosses an atom	
	10 ⁻²¹		
		Period of nuclear vibration	
	10 ⁻²⁴	Light crosses a nucleus	Strange particle
		? ? ? ? ? ? ? ?	