

		DISTANCES							
LIGHT-YEARS	METERS								
		?	?	?	?	?	?	?	?
	$10^{27}$	Edge of universe							
$10^9$									
	$10^{24}$	To nearest neighbor galaxy							
$10^6$									
	$10^{21}$	To center of our galaxy							
$10^3$									
	$10^{18}$	To nearest star							
1									
	$10^{15}$	Radius of orbit of Pluto							
	$10^{12}$	To the sun							
	$10^9$	To the moon							
	$10^6$	Height of a Sputnik							
	$10^3$	Height of a TV antenna tower							
	1	Height of a child							
	$10^{-3}$	A grain of salt							
	$10^{-6}$	A virus							
	$10^{-9}$	Radius of an atom							
	$10^{-12}$	Radius of a nucleus							
	$10^{-15}$	?	?	?	?	?	?	?	?