Full name:	Date:	sheet 1 Group:
1 Complete the paragraph by using an words from th	e list below:	
are millions of away. To s across to our eyes. They are so far aw are awkward to measure these distances is five light years away, then the light we to travel to our eyes. It also means that what we	ay that standard units of meas s, therefore a unit known as the are from that	surement like miles and light year is used. If the took five years
happened five years ago, not what is happening in the		
A light year is defined as the distance that light travels 300.000 km/s or 180.000 miles/second. In one second a half times.		
kilometers (2 times) - Earth (2) - star		-
2 Complete the following table about 'Approximate below):	light signal travel times' (choo	ose the correct answer
from Moon to Earth	1.3 secon	ods
from Sun to Earth (1 AU = 150 million km)		
from Alpha Centauri to Earth		
from the nearest galaxy to Earth		
across the Milky Way		
from the Andromeda Galaxy to Earth		
[8.3 min - 25.000 years - 1.3 seconds - 2.	5 million years - 100.000 years	- 4.4 years]
3 Questions:		
3.1 That it's 150 million km?		
3.2 How far does light travel in one second?		
3.3 How far is a light year? In 31.557.600 seco	onds light will travel a distance c	of
3.4 That it's the Moon? (a small planet, a big s	tar, a natural satellite, a comet o	or an asteroid?)
3.5 That it's Milky Way?		
3.6 That it's Alpha Centauri? (a small galaxy, a	far star, a big nebula or a near	star?)
3.7 Which is the Star's Solar System?		