GSA: Astronomy Galileo Galileo Astronomy is the study of the universe and the celestial bodies gas and dust within it. The vast empty space around us that consists of stairs, solair system, galaxies etc. is called Universe. (2) _____ is defined as sum total of all matter and energy that enists or has enisted both in space and time ? @ = The totality of eventhing that enists, including all matter and energy, the planets, stars, galaxies and the contents of intergalactic space? Astronomical System of units The astronomical system of units is a system of measurement developed for use in astronomy. It was adopted by the International Astronomical Union (IAU) in 1976 and has been significantly updated in 1994 god 2009. Developed due to difficulties in measuring and enpressing estronomical data in International System of units (SI units). It is a tridimensional system, in that it defines units of length, mass and time only.

Astronomical Unit of time - is the day, defined as 86400 seconds. 365.25 days make up one Julian year. The symbol D is used in astronomy to refer to this unit. Astronomical unit of Mass-is the solar mass. The solar mass, 1.98892 x 10 % kg, is a natter standard way to enpress mass in astronomy, used to describe the masses of other stars oth and galaxies. It is equal to the mass of son. ti, Astronomical unit of length - average distance between the Earth and the sun and it is approximately 150 million Kilometers or enactly 149,597,870,700 m. Astronomical unit, light-year and parsec are the units for measuring huge distances. "Light-year? is the distance that light can travel in one year in a vacuum, which is about 5.8 × 10" miles or 63240 AU or 9.46053 x 1012 Km. 7thy A Parsec' is aunit of distance that is equal to 3.26 light years or 3.085678×103 km. rioral If is the distance at which a star would have a parallan of 1 second of arc.