

Astronomy 101 -- Worksheet #1
Introduction and MOTIONS OF THE SKY

- 1) Astronomy is _____.
- 2) Science involves the _____ and _____ of natural phenomena.
- 3) The scientific method involves _____, _____, and _____.
- 4) Most of what astronomers know about the Universe is learned through analyzing _____.
- 5) Our daily, monthly, and annual calendars are based on observations of the _____ and _____.
- 6) WE ARE MADE FROM 100% RECYCLED _____.
- 7) The Earth rotates around its North-South axis in the period of time which we call one _____.
- 8) Because of the rotation of the Earth on its axis, we see the regular _____ of the Sun, Moon, and stars.
- 9) The SOLAR day has a length of _____, and is defined as _____.
- 10) The SIDEREAL day has a length of _____, and is defined as _____.
- 11) The celestial sphere is defined as _____.
- 12) The extension of the Earth's equator onto the sky is known as the _____.