

Astronomy 111 (Survey of Astronomy/Introduction to Astronomy I)

True/False Survey for Day 1

Directions: Please mark the following questions as either **true (T)** or **false (F)**.

- _____ 1. The Sun will eventually undergo a supernova explosion.
- _____ 2. The Moon's cycle of phases each month (New, 1st Quarter, Full, and 3rd Quarter Moon) is caused by the Earth's shadow falling on the Moon.
- _____ 3. The Full Moon appears largest when it is near the horizon.
- _____ 4. If you ever see a meteorite hit the ground, don't touch it right away. It will be extremely hot from passing through the Earth's atmosphere.
- _____ 5. The ancient Greeks assumed the Earth was flat but were still able to roughly calculate its size over 2000 years ago.
- _____ 6. This course largely deals with understanding how the signs of the zodiac and horoscopes can affect our daily lives.
- _____ 7. The Earth experiences seasons primarily because the distance between the Earth and Sun varies over the course of a year.
- _____ 8. Tides are mainly caused by the gravitational interaction between the Earth and the Sun.
- _____ 9. Fossils indicating a new species of dinosaur have recently been found in the Grand Canyon, where dinosaurs roamed millions of years ago.
- _____ 10. NASA rovers have found evidence for the existence of past life on Mars.
- _____ 11. The nearest star to Earth is about 7000 times farther away than Pluto.
- _____ 12. Our solar system lies near the center of the Milky Way galaxy.
- _____ 13. Saturn's rings are about as thick as the diameter of the Earth.
- _____ 14. The Hubble Space Telescope is the largest telescope in existence.
- _____ 15. The government has been involved for years in a widespread cover-up of results from SETI (Search for Extraterrestrial Intelligence) and UFOs.