

# 1. What is Astronomy?

1. Where do you live?

- A. Northern Hemisphere
- B. Southern Hemisphere
- C. Very close to the equator
- D. I don't know.

2. Someone predicts that people will be more emotional because Mars appears near the Moon. Is this considered astrology or astronomy?

- A. Astrology
- B. Astronomy
- C. Both

3. Someone predicts the aurora will be visible on January 15th because a large x-class solar flare was observed on January 12th. Is this considered astrology or astronomy?

- A. Astrology
- B. Astronomy
- C. Both

4. Which of the following are evidence of the Earth being round?

- A. The Earth casts a round or curved shadow.
- B. The Sun and the Moon are about the same size in the sky.
- C. Islands in the ocean appear "top first" when viewed from a distance.
- D. Shadows of identical objects are different lengths at the same time in different locations.

5. What is pseudoscience? Select all that apply.

- A. A belief or practices that claims to be scientific but is incompatible with the scientific method
- B. A scientific practice that has popular appeal
- C. A system of study that relies on anecdotal evidence and tradition instead of observations and controlled studies
- D. A pursuit of knowledge following evidence-based practices with testable hypotheses and predictions

Key:

1.

2. A

3. B

4. A, C, D

5. A, C