

2. Diurnal Motion

1. What is the primary reason the Sun rises in the East and sets in the west?

- A. Earth has a tilted axis.
- B. The Sun circles around the Earth.
- C. Earth revolves around the Sun.
- D. The Earth spins west to east.

2. Why do the stars appear to move in circular paths around the North Star?

- A. Because stars orbit the North Star
- B. Because Earth rotates
- C. Because Earth revolves
- D. Because the Sun revolves around the North Star

3. Which statement(s) are true?

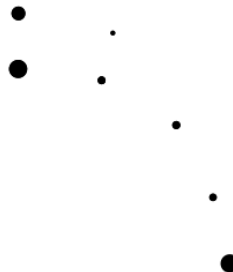
- A. The equator is tilted approximately 23 degrees from the ecliptic.
- B. The equator and the ecliptic are on the same plane.
- C. Earth revolves along the plane of the ecliptic.
- D. Earth revolves along the plane of the equator.

4. Why were Mars, Venus, Jupiter, and Saturn named “planets?”

- A. They change position in the sky more than the stars.
- B. They do not move in the sky but the stars do.
- C. They were much brighter than other stars.
- D. They moved in the opposite direction of the stars.

5. What constellation is this?

- A. Capricornus
- B. Cassiopeia
- C. Orion
- D. Ursa Major
- E. Ursa Minor



Key:

1. D

2. B

3. A, C

4. A

5. E

Ursa Minor
the Lesser Bear

