

Assessment

DIRECTIONS: Read each question carefully. Choose the letter of the best answer.

1. Which BEST explains why the Earth is not disk-shaped?
   A. Stars are viewed differently when traveling north and south.
   B. The shadow cast by the Earth during a lunar eclipse is circular.
   C. The shadows cast in two different cities during a solstice differed in length.
   D. The only shape that cast a circular shadow in whatever direction is a sphere.

2. Which of the following is an annual motion?
   A. Moonrise
   B. Eastward rise of stars
   C. Sunset
   D. Vernal equinox

3. What astronomical event was NOT known to men before the advent of telescopes?
   A. Solar eclipse
   B. Summer solstice
   C. Retrograde of Mars
   D. Rotation o the Sun

4. Which aided Eratosthenes in measuring the Earth's circumference?
   A. The appearance of stars when traveling north and south.
   B. The shadows cast within the Syene and Alexandria during the solstice.
   C. The circular shadow of the earth during a lunar eclipse
   D. The difference of the length of day and night during the summer solstice

For nos. 5-6, choices are:
   A. Autumnal equinox
   B. Eastward rise of stars
   C. Summer solstice
   D. Zodiac cycle

5. What is a diurnal motion?
6. Which does NOT involve the Sun's ecliptic path?

LIVEWORKSHEETS

For nos. 7-10, choices are:

A. All planets revolve around the sun in an elliptical orbit.
B. Any point in the closed curved is equidistant to the two foci.
C. Planets move fastest in the elliptical orbit when nearest to the sun.
D. The length of a planet's revolution in the Sun is proportional to its orbit's size.

7. Which describes the law of ellipse?

8. Which describes the law of harmony?

9. Which describes the law of equal areas?

10. Which explains the difference in the orbital period of Earth and Saturn?

For nos. 11-15, choices are:

A. Copernican
B. Keplerian
C. Ptolemaic
D. Tychonic

11. Which presents a system with elliptical orbit?

12. Which presents a heliocentric model of the universe?

13. Which presents a geo-heliocentric model of the solar system?

14. Which attributes retrograde motion of the planets to epicycles?

15. Which states that a planet moves fastest when it is nearest to the sun?

LIVEWORKSHEETS