



A Brief History of Astronomy

Practice Questions

Instruction: Select the letter of the correct answer for each question below.

1) He's a Greek philosopher known for his idea that the Earth is spherical since it casts a round shadow on the moon during eclipses.

- (A) Aristotle
- (B) Parmenides
- (C) Eratosthenes
- (D) Hipparchus

2) He's known for formulating the laws of planetary motion.

- (A) Tycho Brahe
- (B) Nicolaus Copernicus
- (C) Claudius Ptolemy
- (D) Johannes Kepler

3) The point on the planet's orbit that is farthest from the Sun.

- (A) aphelion
- (B) perihelion
- (C) nanohelion
- (D) thermohelion

4) Sir Isaac Newton is known for his law of universal gravitation. What does this law state?

(A) Everybody in the universe attracts every other body with a force that is proportional to the density of the bodies and inversely proportional to the square root of the distance between the bodies.

(B) Everybody in the universe attracts every other body with a force that is proportional to the mass of the bodies and inversely proportional to half of the distance between the bodies.



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- (C) Everybody in the universe attracts every other body with a force that is inversely proportional to the mass of the bodies and proportional to the square of the distance between the bodies.
- (D) Everybody in the universe attracts every other body with a force that is proportional to the mass of the bodies and inversely proportional to the square of the distance between the bodies.

5) Years before Nicolaus Copernicus arrived with his heliocentric model, there was a Greek astronomer who also offered the possibility that the Earth revolves around the sun. What is the name of this astronomer?

- (A) Aristotle
- (B) Parmenides
- (C) Aristarchus
- (D) Hipparchus



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