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# Exercise B1: Geocentric to the Heliocentric Model

Student name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

*Check the box with the correct answer.*

**Question 1:** Which of the following is NOT a feature of the Copernicus heliocentric model?

- a. The Earth is assumed to remain stationary, to satisfy the common experience of Earth-bound observers.
- b. Planets move uniformly around a common center of revolution.
- c. The planets all move in the same direction.
- d. The Sun is assumed to remain stationary.

**Question 2:** How does the heliocentric model explain retrograde motion?

- a. It is a perspective effect as the faster Earth passes Mars in its orbit.
- b. It occurs because Mars comes closer to the Earth during retrograde motion.
- c. Retrograde motion occurs because Mars is further from the Sun than the Earth.
- d. Retrograde motion is caused by gravitational pull when the Earth is close to Mars.