Exercise B4:
Galileo Strengthens the Heliocentric Model

Student name: ________________________  Class: ____________ Date: _____________

Check the box with the correct answer.

Question 1: What is the phase of Venus?

☐ a. New (dark)
☐ b. Full
☐ c. Crescent
☐ d. Gibbous

Question 2: What is the approximate angular diameter of Venus when it is a very slim crescent?

☐ a. 15"
☐ b. 30"
☐ c. 60"
☐ d. 60'

Question 3: Which model is supported by your observations?

☐ a. The geocentric system of Ptolemy.
☐ b. The heliocentric system of Ptolemy.
☐ c. The heliocentric model of Copernicus.
☐ d. The geocentric model of Copernicus.

Question 4: Why did these observations persuade Galileo that the geocentric view of Ptolemy was wrong?

☐ a. The geocentric model made no allowances for moons.
☐ b. The geocentric model allowed only one center of revolution.
☐ c. The geocentric model claimed that Jupiter revolved about the Earth.
☐ d. The geocentric model said there were only seven solar system objects.