Exercise A2: Earth's Revolution Around the Sun

Student name: _____ Class: _____ Date: _____

Check the box with the correct answer.

Question 1: Each night, stars rise approximately ____ minutes earlier.

- ☐ **a.** 2
- ☐ **b.** 4
- ☐ **c.** 8
- ☐ **d.** 16

Question 2: Which of the following statements best describes the motion of the constellations over the course of a year?

- ☐ **a.** Gemini crosses the meridian in December and Virgo crosses the meridian in March.
- ☐ **b.** The constellations show no motion over the course of one year.
- ☐ **c.** The constellations shift west slowly and return to the same position a year later.
- ☐ **d.** Both a and c.

Question 3: Which of the following statements is correct?

- ☐ **a.** The nighttime side of the Earth always faces the same constellation.
- ☐ **b.** The Earth does not rotate.
- ☐ **c.** The nighttime side of the Earth faces different parts of the sky during the year.
- ☐ **d.** The sky rotates around the Earth.

Question 4: What causes the slow shift of the stars and constellations from one night to the next?

- ☐ **a.** The changing Earth-Sun distance.
- ☐ **b.** The stars' motion through space.
- ☐ **c.** The Earth's daily rotation.
- ☐ **d.** The Earth's revolution around the Sun once a year.