Exercise F3: Proper Motion of the Stars

Student name: ________________________  Class: ______________ Date: _____________

Check the box with the correct answer.

**Question 1:** Which of the following stars shows the greatest proper motion?

- ☐ a. Sirius
- ☐ b. e Eridani
- ☐ c. Procyon
- ☐ d. HR 3018

**Question 2:** What is the average annual proper motion of Barnard’s star?

- ☐ a. 10.3 arc seconds
- ☐ b. 20.6 arc seconds
- ☐ c. 5.15 arc seconds
- ☐ d. 15.8 arc seconds

**Question 3:** Zoom in and use the time controls to determine when Gamma Caei will become a star located within the boundaries of Columba. On approximately what date will this happen?

- ☐ a. 2,100 CE
- ☐ b. 2,300 CE
- ☐ c. 2,400 CE
- ☐ d. 2,500 CE