
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. 82 Eridani
- c. Procyon
- d. HIP 37853

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 Caeli will become a star in Columba. During what century will this happen?

- a. 21st century
- b. 23rd century
- c. 24th century
- d. 25th century