
Exercise F5: The Solar Neighborhood

Student name: _____ Class: _____ Date: _____

Check the box with the correct answer.

Question 1: How many of the visible stars in this view are less than 10 light years from the Sun?

- a. 2
- b. 6
- c. 8
- d. 12

Question 2: Use the **Angular Separation Tool** in order to list these stars in order of increasing distance from the Sun.

- a. Altair, Vega, Arcturus, Antares
- b. Altair, Arcturus, Vega, Antares
- c. Arcturus, Vega, Altair, Antares
- d. Antares, Arcturus, Vega, Altair

Question 3: What is the name of that star?

- a. Eta Persei
- b. Mirfak
- c. Phi Persei
- d. Sun