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