
Exercise F6: The Hertzsprung-Russell Diagram

Student name: _____ Class: _____ Date: _____

Check the box with the correct answer.

Question 1: Which of the following stars is a red giant (usually class K or M)?

- a. Nunki
- b. Rasalhague
- c. Shaula
- d. Yed Prior

Question 2: Which of the following stars is not a main sequence star?

- a. Antares
- b. Nunki
- c. Rasalhague
- d. Altair

Question 3: Which characteristics best describe the star Antares?

- a. hot and blue
- b. red and hot
- c. blue and cool
- d. red and cool

Question 3: Which of the following stars is a class K star with an absolute magnitude of about 5?

- a. 9 Sagittae
- b. HIP 97944
- c. HIP 75101
- d. 36 Ophiuchi