

Sky Watching Homework

For this sky watching homework, I would like you to find the **Summer Triangle**.

The Summer Triangle is an **asterism**, which is an easily recognizable pattern of stars (like a constellation, except without the mythological name). (For more info on asterisms, see [https://en.wikipedia.org/wiki/Asterism_\(astronomy\)](https://en.wikipedia.org/wiki/Asterism_(astronomy)).)

As its name implies, the Summer Triangle is easily found directly overhead on summer nights. Even in late summer or early fall it can still be easily seen overhead in the night sky.

First, look up the Summer Triangle online and find the names of the three stars that define the triangle.

Then, using your Star Walk app, locate those three stars in the sky. They are some of the brightest stars in the night sky, making the Summer Triangle an asterism that is readily identifiable.

For each of the three stars, center your Star Walk view on the star so that its name is visible and take a screenshot, then submit the screenshot. You'll submit three screenshots for this assignment, one for each star, using the file upload option. To help me with grading, please be sure that each star is readily identifiable and labeled in your screenshot.

Lastly, look up the distance to each of the three stars and report those distances (in light years) in the text entry box.