

# Assignment 10

Please type your responses into a word document, and submit that on UNM Learn. Show your work for all questions. You can take scans/pictures of your work if you put them in the word document, but don't submit them as images. Be sure to number your responses 1, 2(a), etc. so I know which question you're answering. If you get stuck, post a question on the forums. Chances are you're not the only one!

1. *(25 points) Read over Example 30.1 on page 1129 of the textbook. Then, estimate the number of civilizations in the Milky Way outside of our own by coming up with values for the variables of the Drake Equation. Cite and briefly support your values, and calculate the final outcome.*