**PlanEx A The Drake Equation**

Using this link, answer these questions --

[**http://www.activemind.com/Mysterious/Topics/SETI/drake\_equation.html**](http://www.activemind.com/Mysterious/Topics/SETI/drake_equation.html)

What is the purpose of the Drake Equation?

Then, using the Drake Equation calculator on the above page, type in numbers for each of its 7 factors (**the page offers suggested ranges in some cases**), ***giving a one sentence reason for each number you selected.*** Your reasons could be as simple as “this is just a guess since I don’t know much about this” or “I would like to believe that this is true” or “I think this is common in the universe”. Give the number of civilizations you get in our galaxy when you click the “Calculate” button in the end and ***explain whether your personal Drake calculation of neighboring civilizations is more or less than you expected AND WHY***.

1)

2)

3)

4)

5)

6)

7)

Resulting civilizations and WHY this was equal to, more than or fewer than you expected: