

Assignment 6

Remember to number your answers 1a, 1b., etc. so I know which questions you're answering. Be sure to show your work and reasoning for full credit.

1. *(20 points) Showing work, calculate the volume of each of Earth's layers.*
2. *(20 points) List the theories for the creation of the following, explain why they are correct and incorrect, and explain the presently accepted theory.*
 - (a) Earth's atmosphere.
 - (b) The Moon.
3. *(20 points) Refer to the NASA global warming link presented in the ch 8 notes for the following.*
 - (a) *List and briefly summarize the nine bits of evidence presented for global warming.*
 - (b) *List eight future effects resulting from global warming, comment on how you think this will affect future generations.*
 - (c) *What percentage of climate scientists are in agreement that the climate is warming due to human activity?*
 - (d) *Name and briefly describe five present, experimentally verifiable effect of global warming. Be quantitative in your description.*
4. *(5 points) Visit and elaborate briefly on a mission that will bring rocks back from Mars.*