

Submit via e-mail (gelderman@wku.edu), due 12:40 on Wednesday, 24 March 2010

Chapter 3: Life on Mars --

- 1) Briefly summarize the evidence, both real and imagined, that led to the previous widespread belief that Mars has an active civilization.
- 2) Create a table of all of the spacecraft that have been sent from Earth to Mars. Identify the date it was launched from Earth and the date it was to have reached Mars. Also identify the country or countries responsible for launching the craft, whether or not it was a lander, orbiter, or fly-by mission, and very briefly explain what the mission was and how successful the craft was at executing that mission.
- 3) Provide a concise overview of the geography of Mars, explaining the nature of at least a dozen distinct large-scale features. Search the Internet to find a map of Mars presented as a Mercator projection (such as compiled by one of the recent Mars orbiters). Locate a comparable map of Earth's overall geological features and note the similarities and differences between the two worlds' geologies.
- 4) Search the Internet to find a map of Mars presented as a Mercator projection (such as compiled by one of the recent Mars orbiters). Locate a comparable map of Earth's overall geological features and note the similarities and differences between the two worlds' geologies.
- 5) Summarize the experiments performed by the Viking landers and explain why or why not they provided evidence for life on Mars.