

Astronomy 305: Life in the Universe  
Homework 1: Chapter 1

Total points: 22

1. (10 pts) Besides Earth, what worlds in our solar system seem most likely to have life? Why?
2. (10 pts) [a] What do we mean by astrobiology? [b] What other terms are sometimes used to describe it? [c] What are the major areas of research in astrobiology?
3. (2 pts) The correct order for the eight official planets in our solar system, from closest to farthest from the sun, is
  - (a) mercury, Venus, Earth, Mars, Saturn, Jupiter, Neptune, Uranus;
  - (b) Mercury, Venus, Earth, Mars, Jupiter, Uranus, Neptune, Saturn;
  - (c) Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune.