

NAME \_\_\_\_\_



DATE \_\_\_\_\_



The Aterra4 deep-space probe has entered GSL383, a distant galaxy with several stars much like our sun. Aterra4 has encountered roughly 6 different planets in the habitable zones of these stars. Data from the probe indicates that the conditions and terrain on the planets are varied. Is it possible that life exists somewhere in GSL383? Read the description of the environment assigned to you, and fill in the following:

1. Planet and environment:

2. Resources that would support life in the environment (*Hint: think about liquid medium, raw materials, and energy sources*):

3. Environmental challenges an organism would face (ex. extreme heat, pressure, toxic gases):

Scientific name:

4. In the box above, draw an organism that might survive in this environment. Below, describe the special features (adaptations) that help it survive.
5. Other interesting behaviors: