

Name: _____

Topic 1.4 Questions

1. Are bacteria a type of microbe? Why?

2. Name two places where microbes can live.

3. Describe three characteristics that microbes share with other living things.

4. A student says that microbes include bacteria and viruses. Another student argues that viruses should not be called microbes. Which student do you agree with? Provide **one** or **two** statements that support your position.

5. Bacteria can consume some chemicals that would make humans very ill. This makes them very useful for waste management and disaster recovery. Describe the role bacteria play in addressing these two issues.

6. The statements below are related to handling food safely. Explain the reason behind each statement.
 - a) Frozen meat should be thawed in the refrigerator, not on a counter at room temperature.

 - b) Cutting boards and dishcloths need to be disinfected after each use.

 - c) People should wash their hands before and after handling and preparing food.