

Name _____ Date _____

Directions: Write your responses on this sheet or on separate paper.

1. Why do scientists use microscopes to study the sea?
2. What are *cells*, and why do you need a microscope to see them?
3. What are the differences between a light microscope and an electron microscope?
4. What would you like to look at with a scanning electron microscope? Why?

5. Why do you think organisms often have such interesting structures and patterns on their surfaces?

