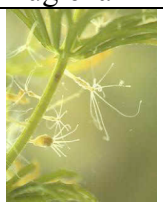
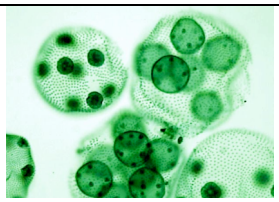
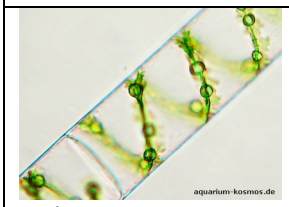
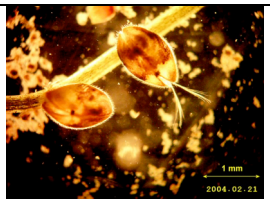
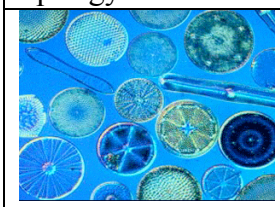
LAB Pond Water Organisms

Last Name _____, First _____ per___

Microscopic photos of microorganisms found in pond water. Draw each organism found.

Microorganism	Drawing	Microorganism	Drawing
 Water Flea		 Stentor	
 Amoeba		 Euglena	
 Copepod		 Hydra	
 Paramecium		 Philodena	
 Rotifer		 Volvox	
 Spirogyra		 Cypris	
 Diatoms		 Ostrocods	

Draw any organism that you saw that is not in the above table.

Analysis and Conclusions

1. How many different microorganisms did you discover? _____

2. Which kind of microorganism had the highest population?(refer to your drawings) _____

3. What do you think microorganisms eat? _____

4. Do you think there is any competition between microorganisms for food? _____

5. What does decompose mean? _____

6. How many cells make up a paramecium and an amoeba? _____

7. Humans have cells that differentiate and become specialized. Does this same process occur in a paramecium or an amoeba? _____

8. Explain what cell differentiation means. _____
   _____
   _____
   _____

9. Look closely inside the rotifer cell. Are organelles present? _____

10. What structures do you see inside the water flea that are similar to human organs? _____
    _____
    _____