**Biology 112**  
**Lab 2: Pre-lab**   
  
1. Protists belong to Domain \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_   
  
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ protistsproduce their own food via photosynthesis.

3. Euglena are considered mixotropic. What does this mean?  
  
  
  
4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Protistsobtain their food by ingesting other molecules or organisms. How are these protozoans usually described?  
  
  
5. What are the various means of locomotion exhibited by protists?  
  
  
6. Which disease would you get by being infected with *Trypanosoma*?   
  
  
7. Which disease would you get b y being infected with *Plasmodium?*

8. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Protists digest food outside their bodies and then ingest smaller molecules. They are considered   
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

9. List the names of the different cell types or shapes that are present in the life cycle of the slime mold.

When you see a fresh, gooey, yellow slime mold in the wild, which part of the life cycle are you seeing?

When you see an older, dusty, rust-colored or brown slime mold in the wild, which part of the life cycle are you seeing?