Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Honors Biology

In your notebook draw and label a picture of the organism and answer the questions that follow. Please use complete sentences.

|  |  |
| --- | --- |
| Paramecium labeled pic | Questions |
|  | 1. Define the paramecium 2. Define Heterotroph 3. What do the paramecium eat? 4. Why can the paramecium change its shape like the amoeba 5. What do the macronucleus and micronucleus do? 6. Define conjugation. 7. Define avoidance behavior |

|  |  |
| --- | --- |
| Amoeba labeled pic | Questions |
|  | 1. Describe the amoeba. 2. What structure contains the amoebas DNA 3. How does an amoeba reproduce? 4. How does the amoeba react during unfavorable conditions? 5. The footlike extensions of the amoeba’s cytoplasm are called? 6. How are protozoans classified. |

|  |  |
| --- | --- |
| Euglena labeled pic | Questions |
|  | 1. What organelle carries out photosynthesis 2. Define Autotrophic 3. Describe two ways in which the euglena get their nutrients. 4. What is the red eyespot used for? 5. What is the function of the contractile vacuole and what would happen if the cell did not have this organelle? |

|  |  |
| --- | --- |
| Volvox labeled pic | Questions |
|  | 1. How does the red eyespot help volvox survive? 2. What characteristics do volvox have in common with other protists? 3. Is the volvox unicellular or multicellular? 4. How does the volvox move? |