**Biology 0861 Worksheet 1 on Protists – Chapter 20 1-2: p496 – 505**

**20-1 The Kingdom Protista**

1. “Protista” means “the very first”. Protists are the firsts what?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. Mitochondria and chloroplasts may be descended from what?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. One way protists are classified is by how they obtain nutrition. For each groups, indicate their mean to obtain nutrition:

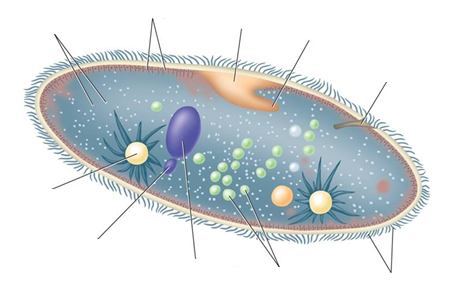
1. Animal-like protists: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Plantlike protists: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. Funguslike protists: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**20-2 Animal-like Protists: Protozoans**

4. Complete the table. Name the four phyla of animal-like protists, give their means of movement, feeding, reproduction, environments where they live and give an example of a species (or group) for each phylum.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Phyla: |  |  |  |  |
| Movement: |  |  |  |  |
| Feeding: |  |  |  |  |
| Reproduction: |  |  |  |  |
| Environment |  |  |  |  |
| Species ex. |  |  |  |  |

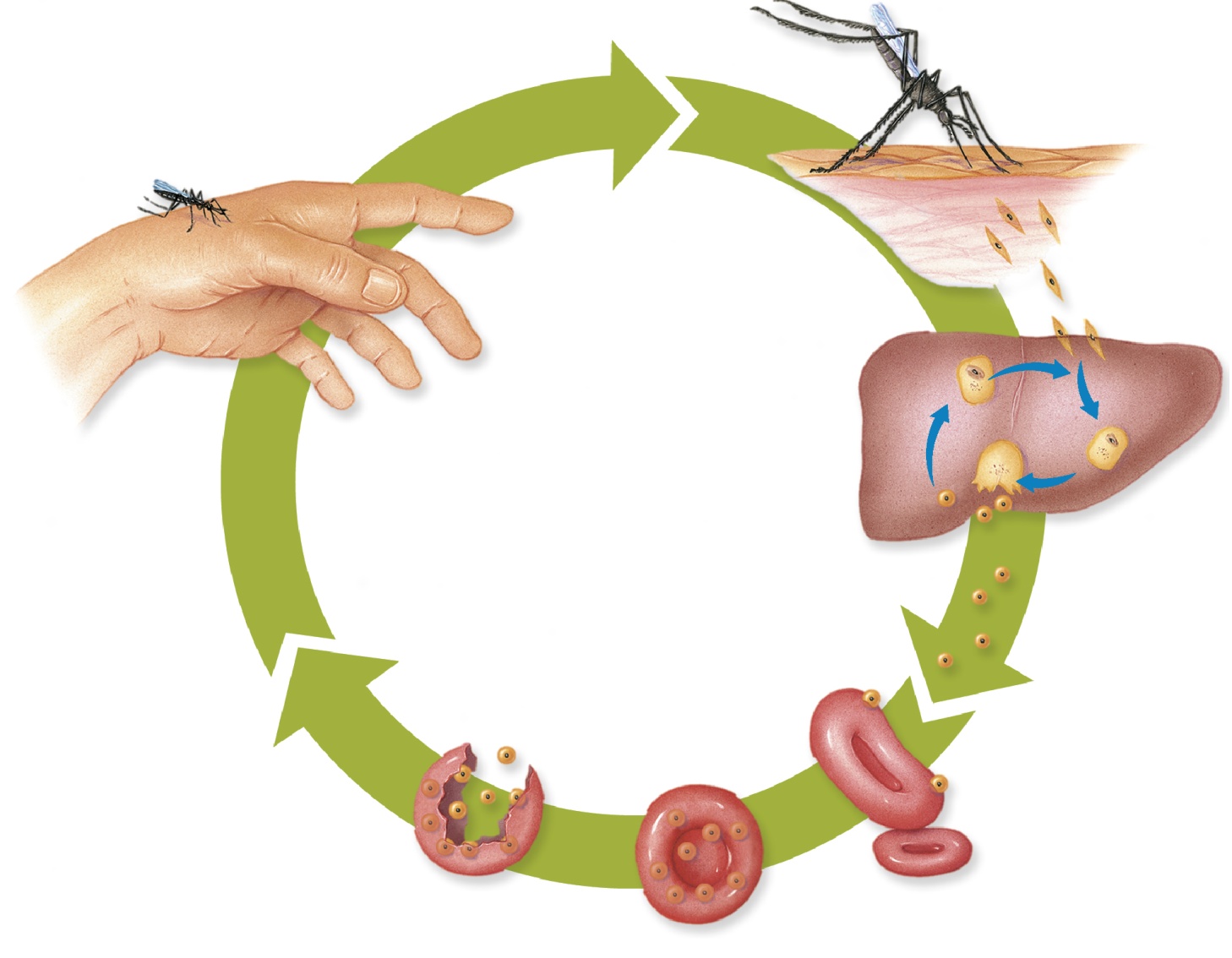
5. Identify the pointed structures of the paramecium.



6. Complete the sentences:

*Plasmodium* is a protist from the phylum of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and causes the disease of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. The mosquito that carries *Plasmodium* is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

7. Indicate the cell stages of *Plasmodium* across its life cycle in its two hosts.



gametes cells in mosquito