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| Question | Answer |
| 1. What is the name of any organism that is not a plant, an animal, a fungus, or a prokaryote?
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| 1. Protists are \_\_\_\_\_\_\_\_\_\_\_\_, this means they HAVE A NUCLEUS!!
 |  |
| 1. Animal-like protists are called \_\_\_\_\_\_\_\_\_. They are divided into 4 phyla...
2. Zooflagellates
3. Sarcodines
4. Ciliates
5. Sporozoans
 |  |
| 1. Characteristics of Zooflagellates

http://farm3.static.flickr.com/2110/1760532740_20189a8cdc.jpg | * Swim using a whip-like tail known as a \_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Absorb food through their cell membrane
* Most reproduce \_\_\_\_\_\_\_\_\_\_\_\_\_\_ through mitosis and cytokinesis
* **Examples**: *Trypanosoma* and *Trichomonas vaginalis*
 |
| 1. Characteristics of Sarcodines

amoeba | * Use \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ or “false-feet” for feeding and movement
* **Example**: Amoeba
 |
| 1. Characteristics of Ciliates

Structure of paramecium | * Use \_\_\_\_\_\_\_\_\_\_\_\_ or “hair-like” projections for feeding and movement
* **Example**: Paramecium
 |
| 1. http://www.cartage.org.lb/en/themes/Sciences/BotanicalSciences/MajorDivisions/KingdomProtista/Protists/paramecium.gif Anatomy of a Paramecium
 | * **Macronucleus**: “working library” of genetic info
* **Micronucleus**: “reserve copy” of genetic info
* **Gullet**: Indentation in side that pushes food toward the vacuoles
* **Anal Pore**: Empties waste materials into the environment
* **Contractile Vacuole**: Cavity in cytoplasm which collects water
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| 1. http://www.nature.com/nrmicro/journal/v4/n11/images/nrmicro1529-f1.jpgCharacteristics of Sporozoans
 | * Not capable of moving on their own
* PARASITIC
* Example: *Plasmodium*
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| 1. Plasmodium
2. Which animal serves as its host?
3. What disease does it cause?
 | *
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| 1. http://www.biologycorner.com/resources/euglena.jpgPlant-like Protists are mostly \_\_\_\_\_\_\_\_\_\_\_ and include Euglena, Diatoms, Dinoflagellates, and Algae.
 |  |
| 1. Euglena
 | * Flagellum for movement
* No cell wall
* Chloroplasts for photosynthesis
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| 1. http://dsc.discovery.com/news/2007/10/15/gallery/diatom-paint-540x540.jpgDiatoms
 | * 2 part shell made of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Store food as oil
* Used for filters and petroleum
 |
| 1. http://upload.wikimedia.org/wikipedia/commons/thumb/c/c7/Algae_Pengo.svg/800px-Algae_Pengo.svg.pngAlgae
 | * Vary in size
* Commonly called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Classified by color
 |
| 1. Characteristics of Fungus-like Protists
 | * Absorb nutrients from organic material, therefore, they are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Change form during their life cycle
* Where do they live?
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