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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? |  |
| 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](http://www.enchantedlearning.com/subjects/protists/labelamoeba/) | * Use \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ or “false-feet” for feeding and movement * **Example**: Amoeba |
| 1. Characteristics of Ciliates   [Structure of paramecium](http://www.biology-resources.com/drawing-paramecium-ciliary.html) | * 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 |
| 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* |
| 1. Plasmodium 2. Which animal serves as its host? 3. What disease does it cause? |  |
| 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 |
| 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? |