

Unit  
1Handout  
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## Lesson 6 Reflection

**General Instructions:** Use handouts 41-48 to help you complete this sheet.

**Part 1.** Write the answer to each statement or question on the line provided. **Only the answer on the line** will be graded. This reflection is worth 25 points (weighted 0.6).

- \_\_\_\_\_ 1. What characteristic do all protists share?  
a. They are all prokaryotic.                      b. They are all eukaryotes.  
c. They are all heterotrophs.                      d. They are all autotrophs.
- \_\_\_\_\_ 2. How are all protists classified into smaller groups?  
a. By their nucleus (if they have one or not)  
b. By how they get their food (autotroph vs. heterotroph vs. decomposer)  
c. By the way they move (cilia, flagella, etc.)  
d. By if they are multicellular or unicellular
- \_\_\_\_\_ 3. Which of the following is true of most protists?  
a. Most live on land.  
b. Most protists are different types of slime molds.  
c. Most protists can be seen without a microscope.  
d. Most protists live in a moist or wet environment.
- \_\_\_\_\_ 4. Which structure do amoeba use to move?  
a. Pseudopods                      b. Cilia                      c. Flagella                      d. They don't move
- \_\_\_\_\_ 5. Which of the following protist uses cilia to move?  
a. Euglena                      b. Amoeba                      c. Paramecium                      d. Diatom
- \_\_\_\_\_ 6. How do amoeba obtain their food?  
a. Photosynthesis                      b. Endocytosis  
c. Exocytosis                      d. Oral groove
- \_\_\_\_\_ 7. Protozoa are most similar to which kingdom?  
a. Animal                      b. Plant                      c. Fungi                      d. Bacteria
- \_\_\_\_\_ 9. Algae are most similar to which kingdom?  
a. Animal                      b. Plant                      c. Fungi                      d. Bacteria

**Part 2.** Indicate if the following statements are true or false. If it is true, **write TRUE**. If the statement is false, **replace the underlined word to make the statement true**.

- \_\_\_\_\_ 10. Flagella are used to capture food.
- \_\_\_\_\_ 11. A pseudopod is a temporary bulge in the cell membrane.
- \_\_\_\_\_ 12. Volvox are both autotrophs and heterotrophs.

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- \_\_\_\_\_ 13. Volvox are multicellular protists.
- \_\_\_\_\_ 14. All algae are able to carry out photosynthesis.
- \_\_\_\_\_ 15. Protists that are fungus-like are autotrophs.
- \_\_\_\_\_ 16. Euglena have chloroplasts that help them make food.

**Part 3.** Match the following cell parts to the correct description below.

<b>Anal Pore</b>	<b>Cilia</b>	<b>Contractile Vacuole</b>	<b>Eye Spot</b>	<b>Flagella</b>
<b>Oral Groove</b>	<b>Pellicle</b>	<b>Pseudopod</b>	<b>Small Nucleus</b>	

- \_\_\_\_\_ 17. Short, hair-like structures
- \_\_\_\_\_ 18. Controls reproduction
- \_\_\_\_\_ 19. Helps detect light
- \_\_\_\_\_ 20. Removes excess water
- \_\_\_\_\_ 21. Opening for food in paramecium
- \_\_\_\_\_ 22. Long, whip-like structures
- \_\_\_\_\_ 23. Amoeba use these for capturing food
- \_\_\_\_\_ 24. Stiff but flexible layer that surrounds the organism
- \_\_\_\_\_ 25. Opening that removes waste in paramecium