

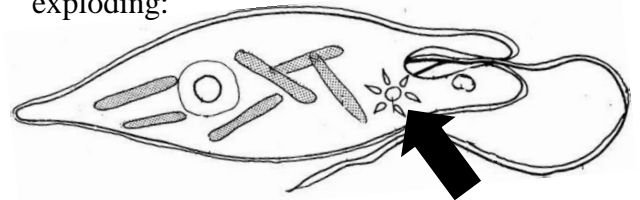
Unit 4: Protist Study Guide

- Which protist moves using cilia?
- Both the euglena and volvox use a whip-like structure known as a(n) _____ to move:
- If an amoeba was produced without the ability to use pseudopods, how would this affect the amoeba?
- How do parameciums get food?
- Which protist can capture food AND convert sunlight into energy/food?
- Why are euglenas and volvox green?
- If a volvox was produced without chloroplasts, how would this affect its chances of survival?
- How are volvox different from amoebas, euglenas, and paramecium?
- True or false: Euglena are plants.
- The name *euglena* is derived from two Greek words meaning “good eyeball.” This name refers to the presence of a reddish eyespot on the euglena’s body. What does this eyespot help the euglena find?

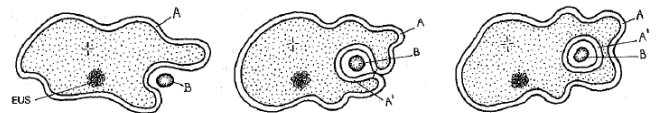
11. The word "pseudopod" means:

12. True or False: “Protist” is a special category of living things – different from plants and animals.

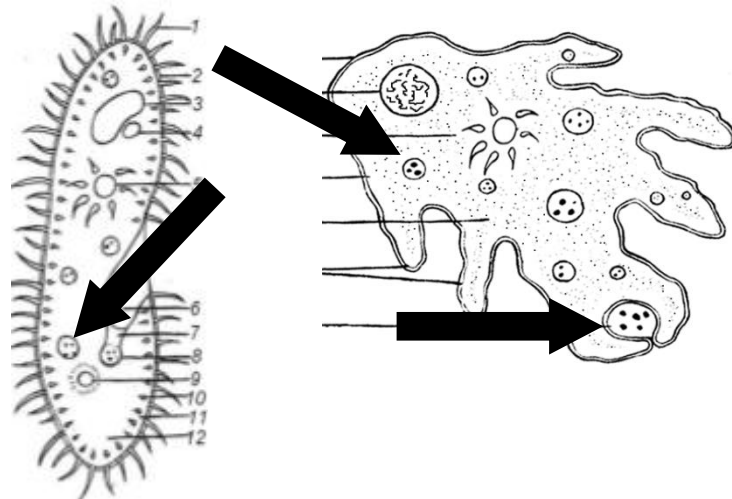
13. This star-shaped organelle helps remove excess water, to keep the protist from exploding:



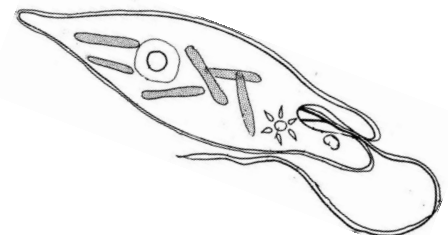
14. The picture below shows which protist consuming food?



15. Because they must consume food, both amoeba and paramecium will have a bubble inside the cell that contains the nutrients the protist needs to survive. What is the name for this bubble?



16. Name the protist pictured below:



17. What function can be performed by a euglena but not by a paramecium?

18. Which structure in a paramecium carries out a function similar to that of the labeled structure in the volvox?

19. Why do paramecium use cilia and amoebas use pseudopods?

20. Single-celled organisms may move using

