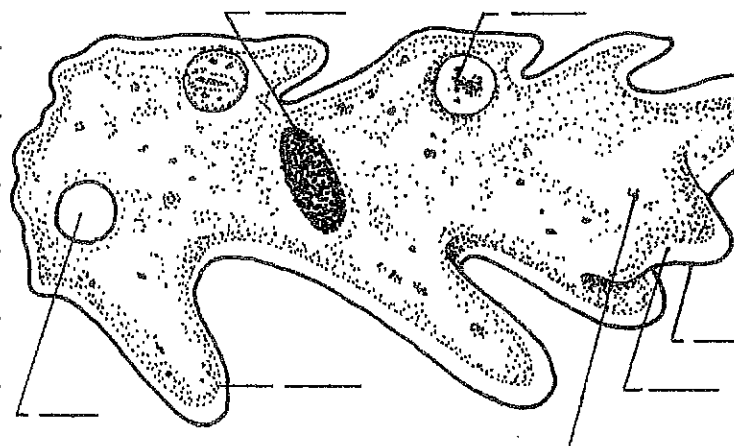


NUTRITION IN PROTOZOANS

Name _____

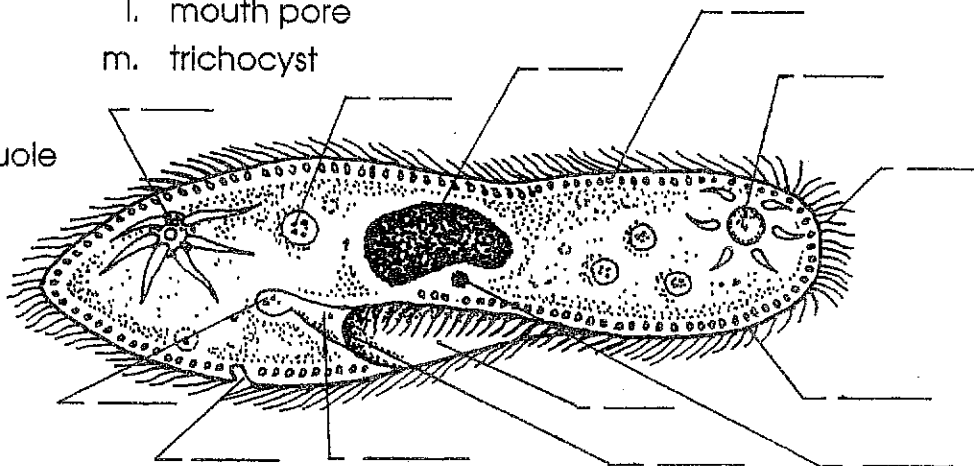
Label the following parts on the diagram below of an ameba. State the function/purpose of each part.

- a. food vacuole _____
- b. pseudopods _____
- c. nucleus _____
- d. contractile vacuole _____
- e. cell membrane _____
- f. ectoplasm _____
- g. endoplasm _____



Label the following parts on the diagram below of a paramecium.

- | | |
|---------------------------------|----------------------------------|
| a. oral groove | j. pellicle |
| b. gullet | k. posterior contractile vacuole |
| c. anal pore | l. mouth pore |
| d. forming food vacuole | m. trichocyst |
| e. food vacuole | |
| f. anterior contractile vacuole | |
| g. cilia | |
| h. micronucleus | |
| i. macronucleus | |



Answer the questions below.

1. Under what conditions does a paramecium discharge its trichocysts?

2. How does a paramecium react if it encounters an obstacle?
