Name.

Observe the specimens of Tetrahymen pyraformis.

1. Based on your observations, would classify this as part of Kingdom animalia.

Construct a Venn diagram, comparing Animal like qualities with non animal like qualities observed in the Tetrahymena.

2. Sketch one specimen under high magnification.

3. Based on your observation, would you consider this a simple organism or complex organism? Explain why.

4. What role do the hair like structures seem to play?

5. Do you recognize any other structures? What are they?? What is their function?

**Conduct some research into this species**.

1. To which kingdom do they belong? Why?
2. What are the defining characteristics of protozoans?
3. What sub categories of protozoans exist. Give a general outline of their characteristics
4. Find 3 organelles that can be found in ciliates, and describe their function.
5. Describe how they reproduce.
6. Sketch and label any significant features/organelles found in this group of organisms.

7. List 3 interesting facts you faound about this group of organisms.