**Quiz #1**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Section:\_\_\_\_\_\_\_\_\_\_\_\_

1. Compare/contrast standard video recording with high speed recording. How can they be used to study behavior? What is the difference between them (**hint:** NOT something vague like “one is slower”)?
2. What are the three lineages (types) of animals in the videos you will be watching today?
3. Today you will be using the program MaxTraq to measure different aspects of animal movement. Give at least two measurements you are expected to gather during any of these experiments.
4. Explain the difference between a hypothesis and a prediction. How are the two related?
5. Examine the following ethogram. Give two problems and how you could fix them.

|  |  |
| --- | --- |
| Behavior | Description |
| sweep | subject moves its appendages in a sweeping way |
| Pattern | subject moves in a strange way |
| Fight | two subjects fight with each other |
| dance | subject moves in circles happily |