

Lab 4. Cell Structure: What Type of Cell Is on the Unknown Slides?

1. Describe the characteristics that plant cells and animal cells have in common.
2. Describe the features that allow you to distinguish between plant cells and animal cells.

3. In science, it is not possible to make an inference without first observing.

- a. I agree with this statement.
- b. I disagree with this statement.

Explain your answer, using an example from your investigation about cell structure.

4. Once a scientific idea is developed, it does not change.

- a. I agree with this statement.
- b. I disagree with this statement.

Explain your answer, using an example from your investigation about cell structure.

5. It is important for scientists to look for and identify patterns in nature. Explain why identifying patterns is useful in science by using an example from your investigation about cell structure.

6. It is important for scientists to understand the relationship between the structure of an organism and its function. Explain why this is important, using an example from your investigation about cell structure.