

Unit 1 Handout _____

Lesson 5: Observing Animal Cells

Purpose: To learn about animal cells, the parts they contain, and how varied animals cells are in appearance.

Instructions: Follow the instructions on the paper in the plastic sheet at your table.

Cell Drawings

Insert picture of your drawings into this space!

Defining Key Terms

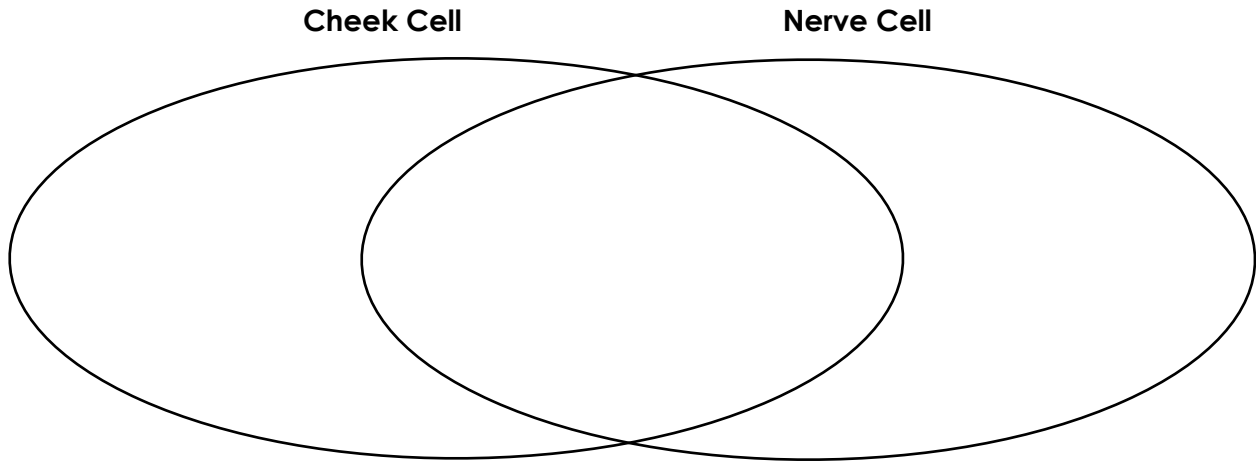
In the space below, define the parts you observed. Use page 68 to help you.

Part	Definition
Cell (Plasma) Membrane	
Cytoplasm	
Nucleus	

Continue on to the back of this sheet.

Comparing Animal Cells

In the space below, compare and contrast the cheek and nerve cells you observed.

**Reflecting**

1. Look at the pictures of human muscle cells and red blood cells on page 74 of your textbook. Describe their appearance **and** think of a reason for why they are shaped the way they are.

2. How is the shape and arrangement of the cheek cells and nerve cells related to their function (job)? *Think about what function the cells serve and how their shape assists them in that function.*

3. Do all animal cells have the same organelles? If you have time, look up the answer online to this question using human red blood cells.