

Cell Diagram Instruction Sheet

Using the provided diagrams of a plant and an animal cell, complete all of the following items:

#1. Label all of these structures on both the plant and the animal cell. Some structures are not found in both types of cell. If that is the case, label it only on that diagram. (10 points)

Cell Structures
1. cell membrane
2. cell wall
3. centriole
4. chloroplasts
5. chromatin
6. cytoplasm
7. endoplasmic reticulum
8. Golgi body
9. lysosome
10. mitochondria
11. nuclear membrane
12. nuclear pore
13. nucleolus
14. nucleus
15. ribosomes
16. vacuole

- If the structure is found on both cell types, write the name in the space between the cells and draw lines to that structure on both diagrams.
- If the structure is found in only one type of cell, write the name on the side of the diagram toward the margin.

#2. Color each of the structures you have labeled. (5 points)

- If it is found in both cells, make sure it is the same color on both.
- Do not color the nucleus or the cytoplasm!

#3. On the chart on the back of the diagram sheet, describe function of each structure.

- I only want to know what it does. You don't need to describe what it looks like or what it is made of. I want to know what it DOES in the cell. (12 points)