

1. Complete the following table by checking the correct column for each example.

Example	Unicellular Organism	Multicellular Organism	Neither
human			
element			
bacteria			
amoeba			
glucose			
plant			
insect			

2. Write each of the following words under its appropriate category title:

lung, plant, fish, circulatory, heart, liver, mouse, respiratory, dog, brain, digestive, nervous.

Category: Organ	Category: System	Category: Organism

3. What is the primary difference between a eukaryote and a prokaryote?

4. Bacteria are examples of what kind of cells?

5. What are four examples of eukaryotes?

6. Arrange and write the following terms in order from the simplest to the most complex:

Organ system, atom, cell, organ, community, organism, tissue, molecule

PLANT CELL COLORING

Cell Membrane (orange)

Mitochondria (red)

Vacuole (blue)

DNA (gray)

Cell Wall (dark green)

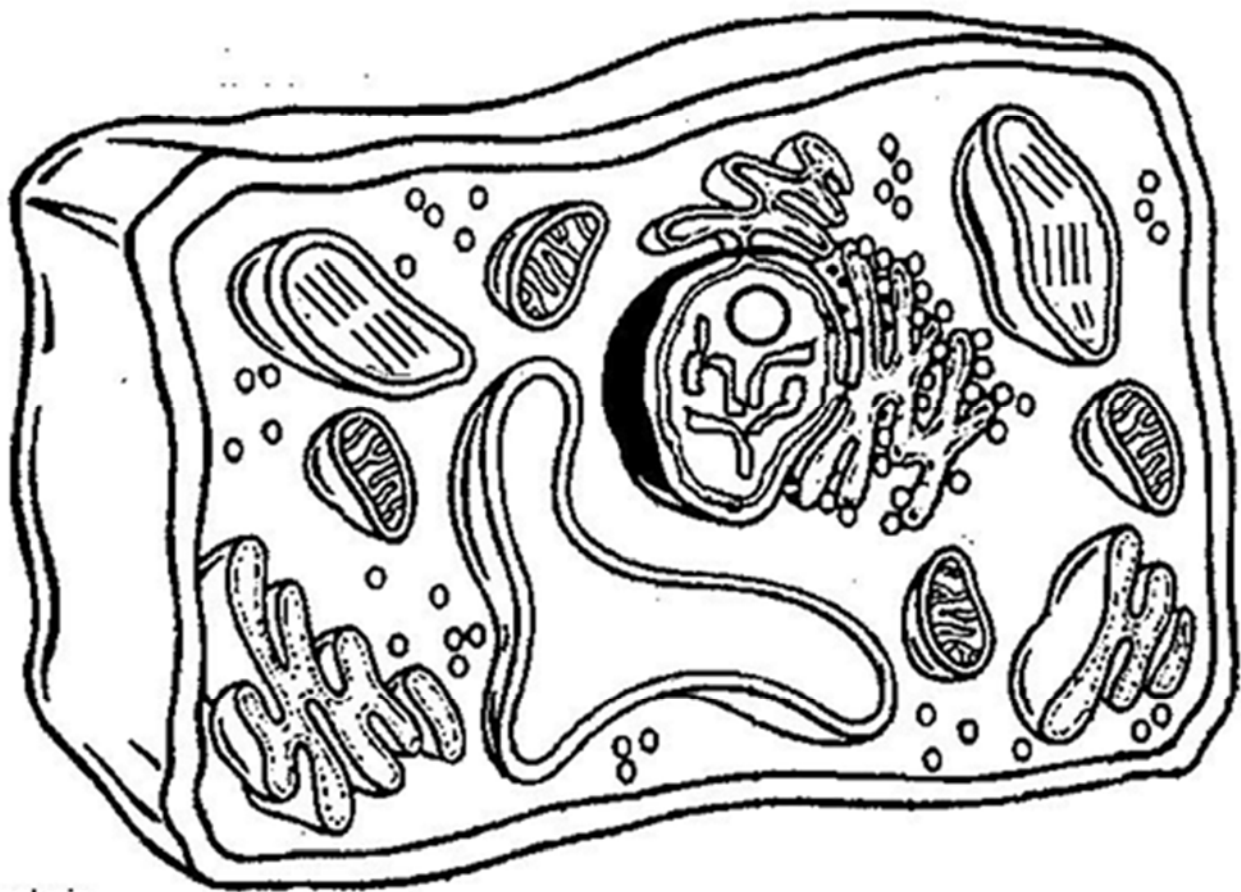
Nucleus (brown)

Chloroplasts (light green)

Endoplasmic Reticulum (pink)

Ribosome (purple)

Cytoplasm (yellow)



Analysis

1. Name two things found in a plant cell that are not found in an animal cell:
2. How does the shape of a plant cell differ from that of an animal cell?
3. What is the function of the chloroplasts?
4. What is the function of the vacuole?