

A microscopic view of plant cells, likely from an onion skin, showing large, rectangular cells with thick cell walls. Numerous small, green, oval-shaped chloroplasts are visible within the cells, particularly concentrated in the cytoplasm. The overall appearance is a dense network of these cells with a light green tint.

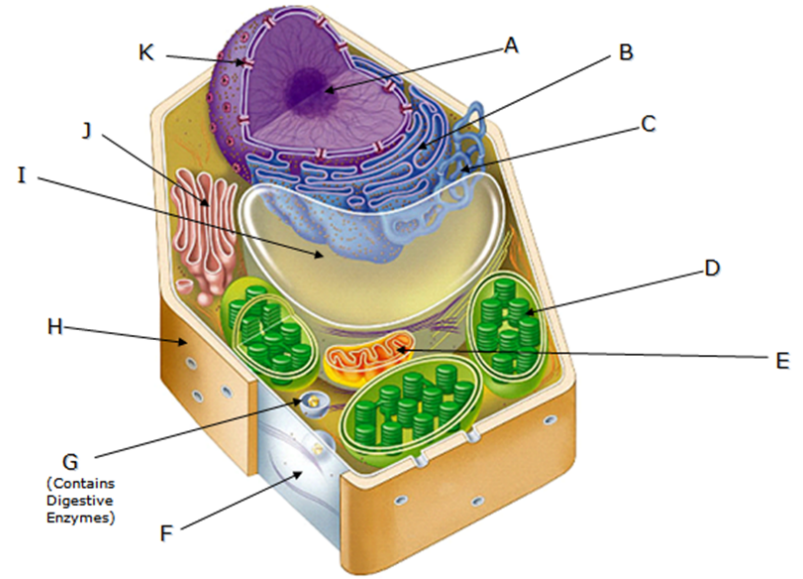
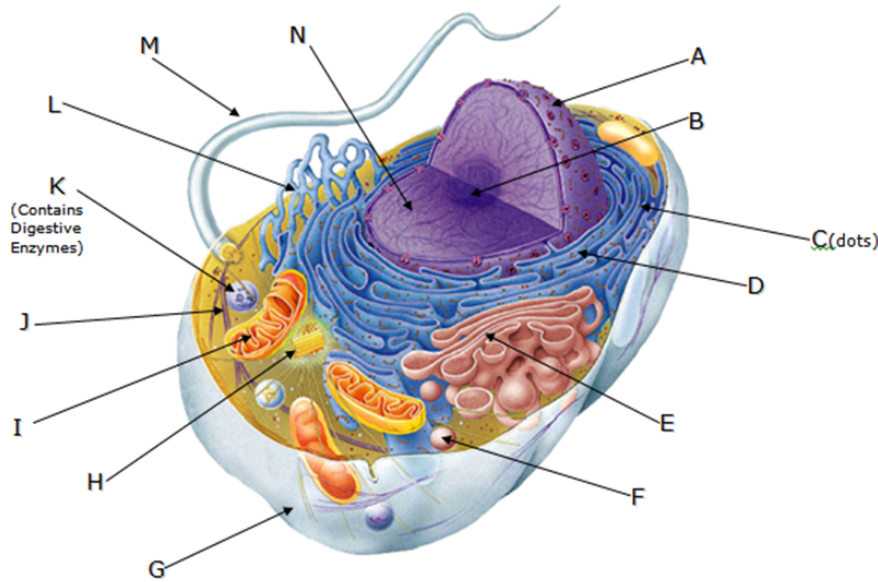
# Cell Diversity: Part 2

## Learning Target

Compare and contrast structural differences between a plant and animal cell.

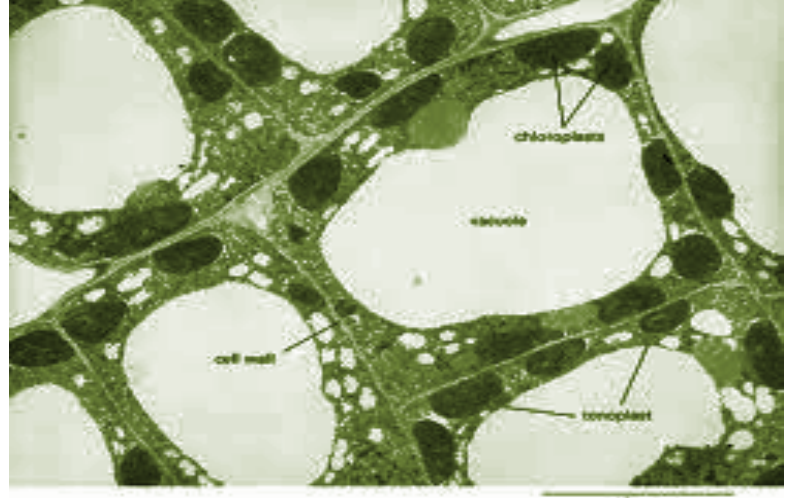
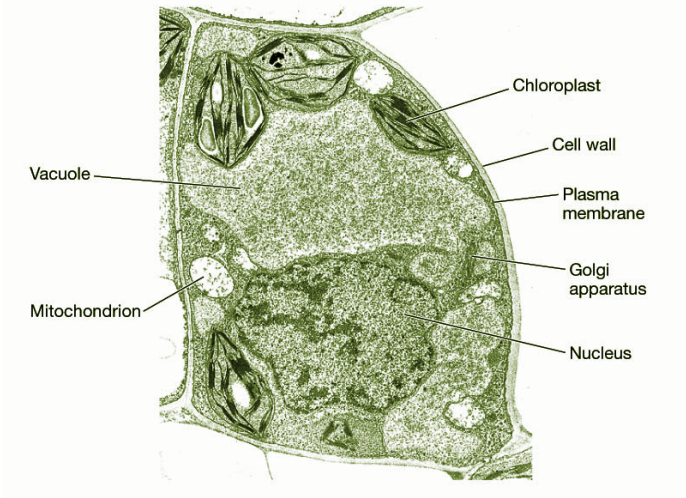
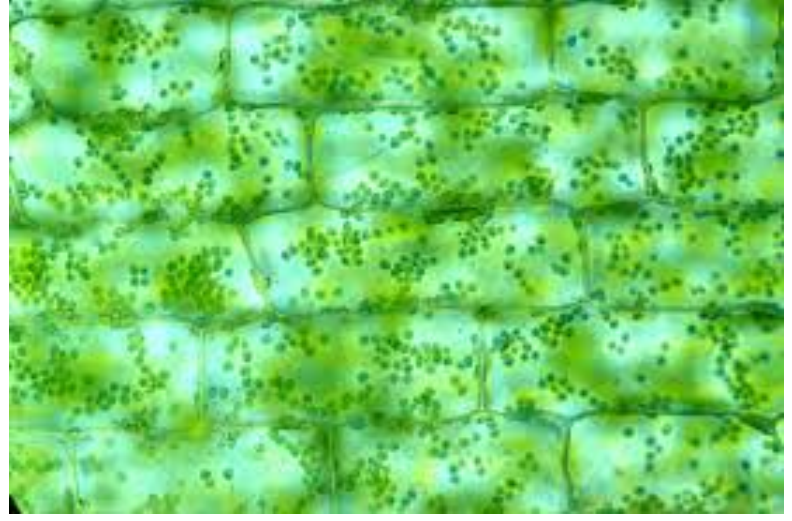
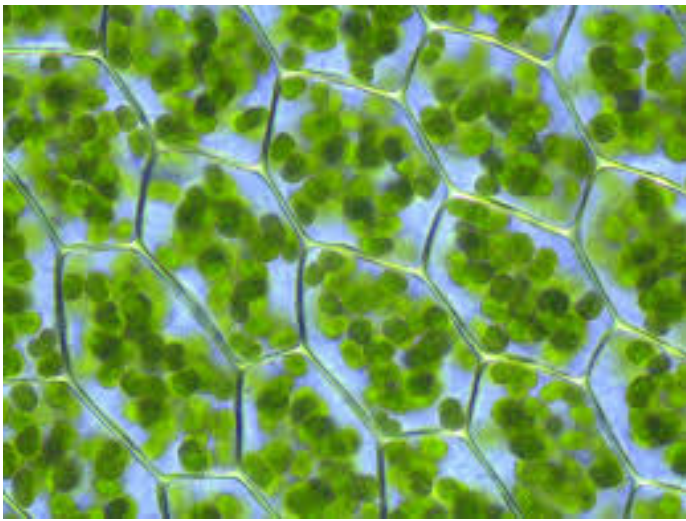


# Look at the two diagrams below, what differences do you see?

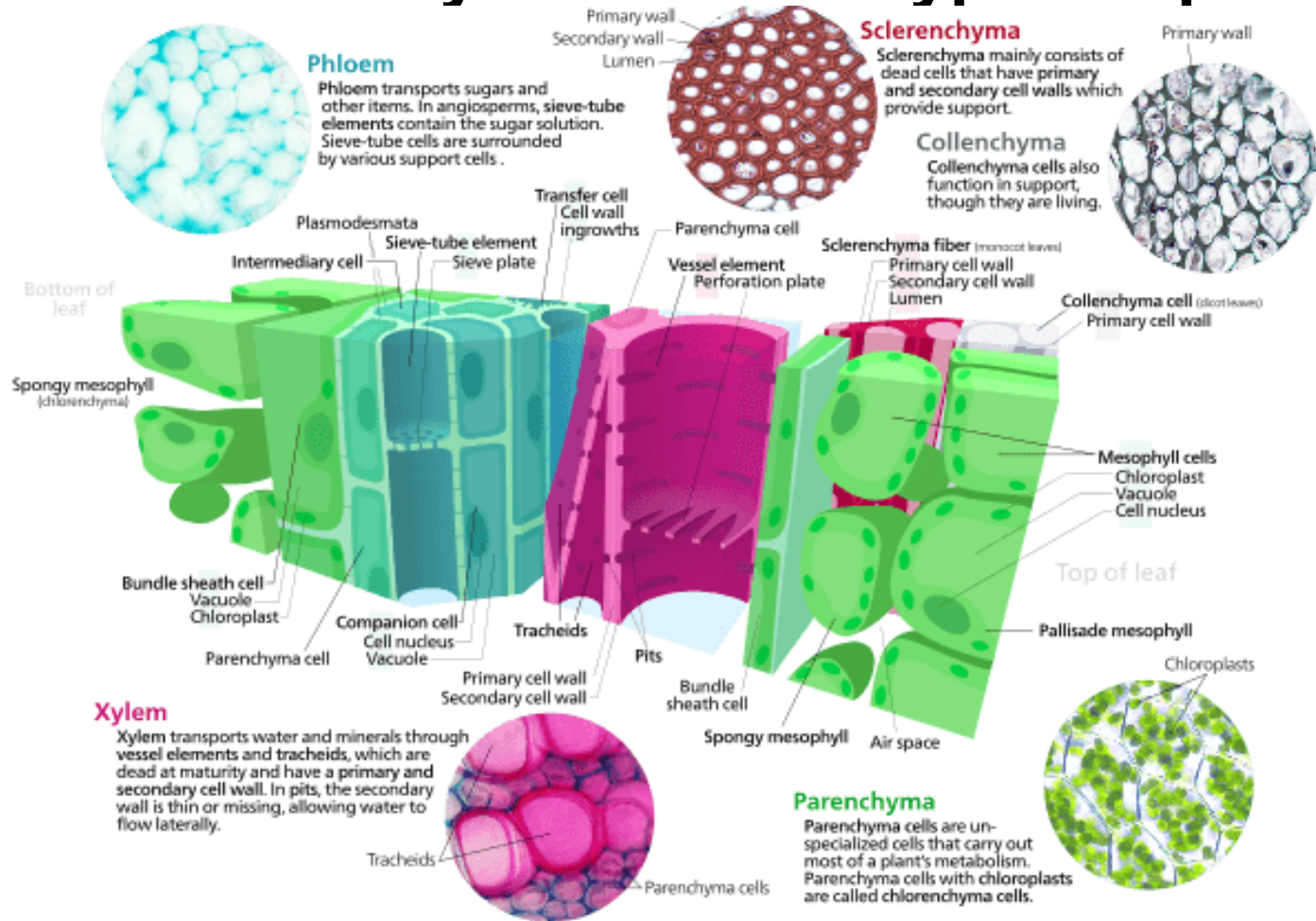






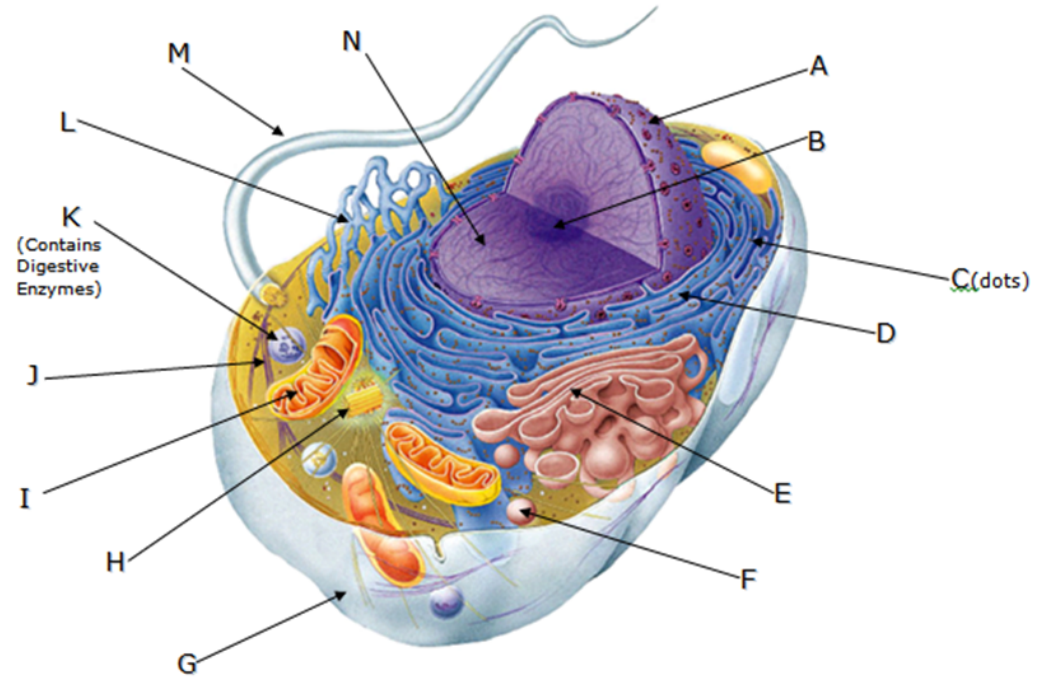


# There are a variety of different types of plant cells.

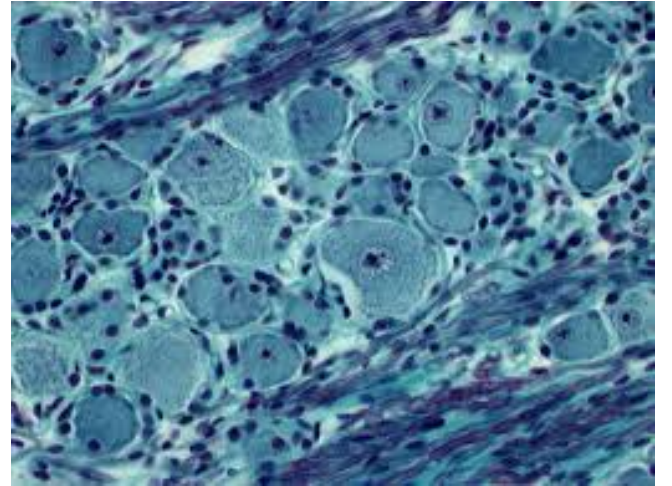
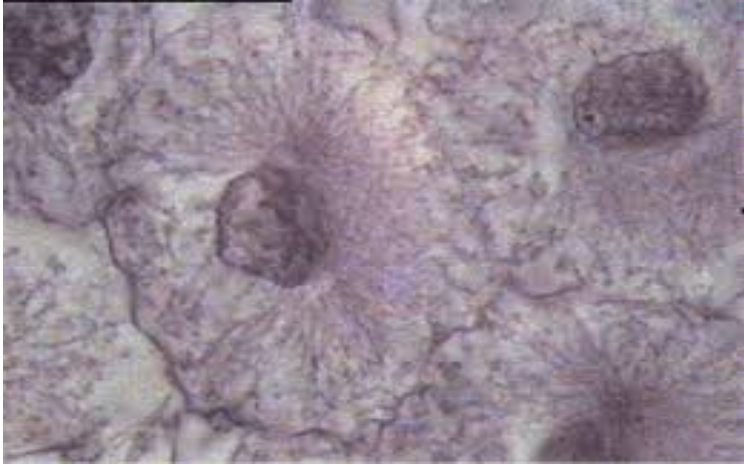
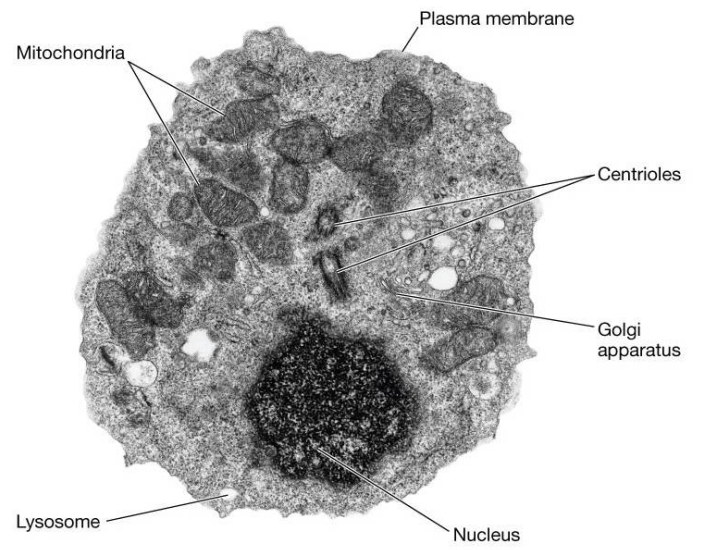
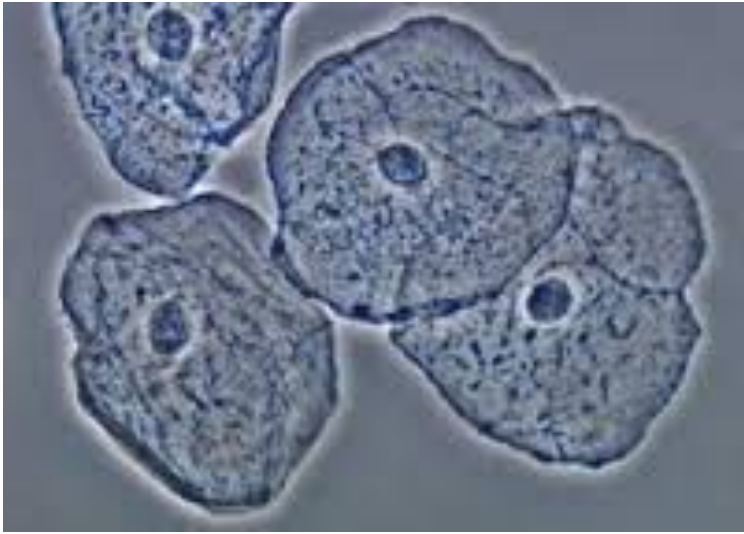


# Animal Cells

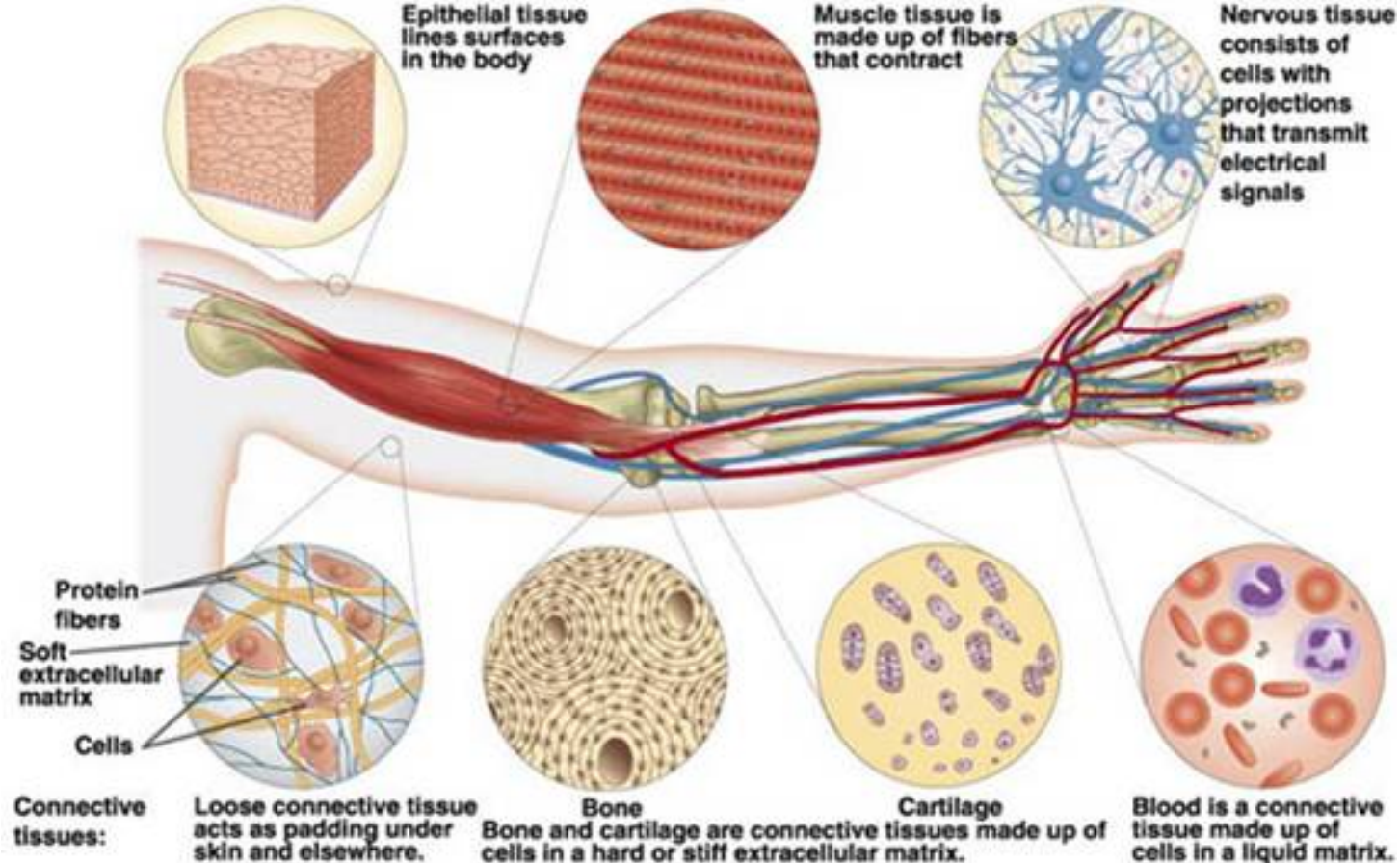
- Cell membrane only
- Several vacuoles
- Centrioles
- Lysosomes
- No plastids
- Variety of shapes
  - Due to the flexible cell membrane.







# There are a variety of different types of animal cells.







**Make two columns in your note book. Write down all of the organelles found in each type of cell. Highlight the organelles that are unique to each type of cell.**

**Animal Cells:**

**Plant Cells:**