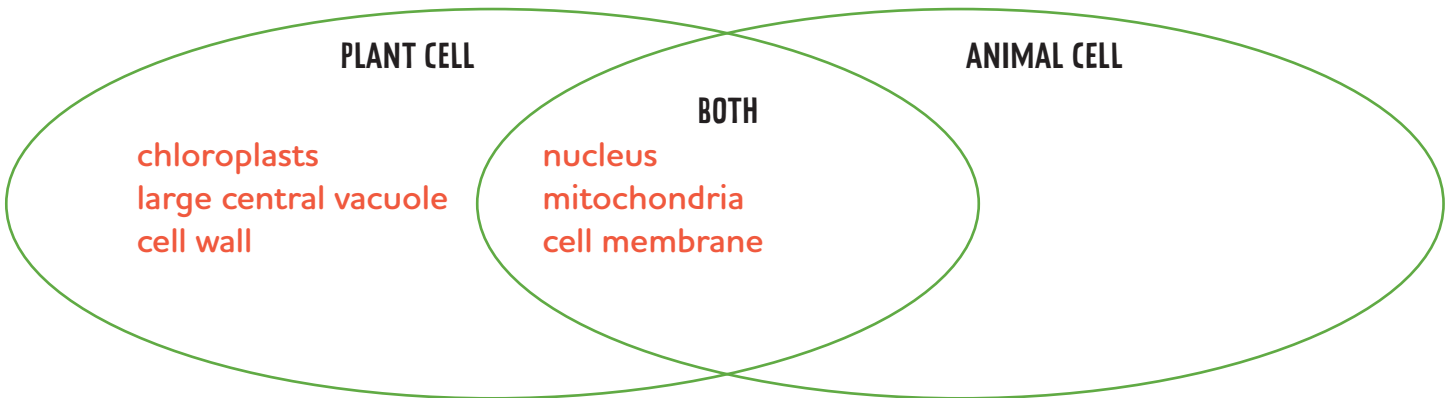


# ANIMAL CELLS VS. PLANT CELLS

Show what you know about animal cells and plant cells by answering the questions below.

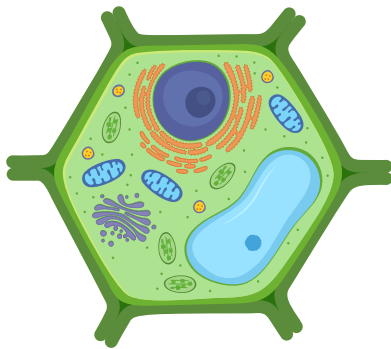
1. Determine which organelles from the word bank are found in plant cells, which are found in animal cells, and which are found in both. Write each organelle name in the correct part of the Venn diagram.

WORD BANK					
nucleus	cell wall	cell membrane	large central vacuole	mitochondria	chloroplasts

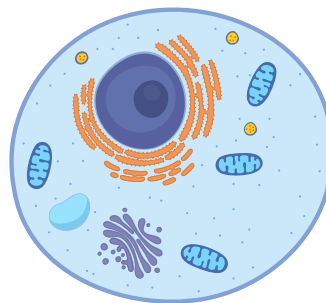


2. Which is a plant cell, and which is an animal cell? Label the diagrams below. Then explain your reasoning, giving at least two reasons for how you decided.

plant cell



animal cell



(Sample answer) The cell on the left has a cell wall, a large central vacuole, and chloroplasts. Therefore, it is a plant cell. The cell on the right does not have a cell wall, a large central vacuole, or chloroplasts. Therefore, it is an animal cell.

3. Why are chloroplasts found in plant cells but not animal cells?

(Sample answer) Plants need chloroplasts to perform photosynthesis. Animals don't perform photosynthesis, so they don't need chloroplasts.