CELL TYPE: **Animal**   **Cell**
(PLANT or ANIMAL)

Endoplasmic Reticulum "The Highways"

Chromatin (DNA)

Nuclear Membrane

Nucleus "The Brain"

Cell Membrane "The Fence"

Nucleolus "The Ribosome Factory"

Ribosomes "The Protein Factory"

Cytoskeleton "The Bones"

Cytoplasm "The Filler"

Mitochondria "The Furnace" "The Power house"

Golgi Body "UPS Store"

Vesicles "Small Closets"

Lysosome "Recycling center"
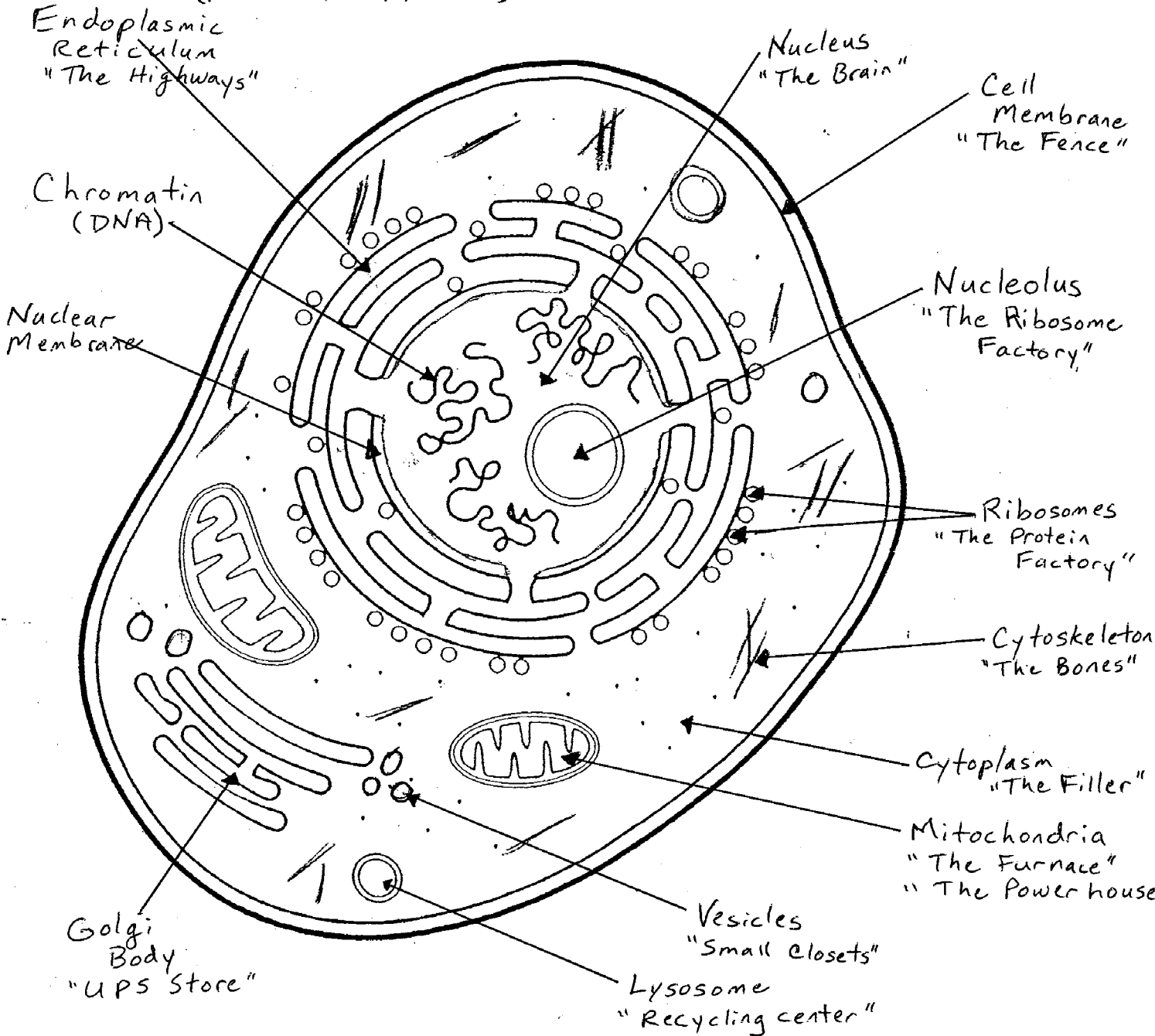
Directions: Color the cell parts according to the key below. Then label the parts with the name and nickname.

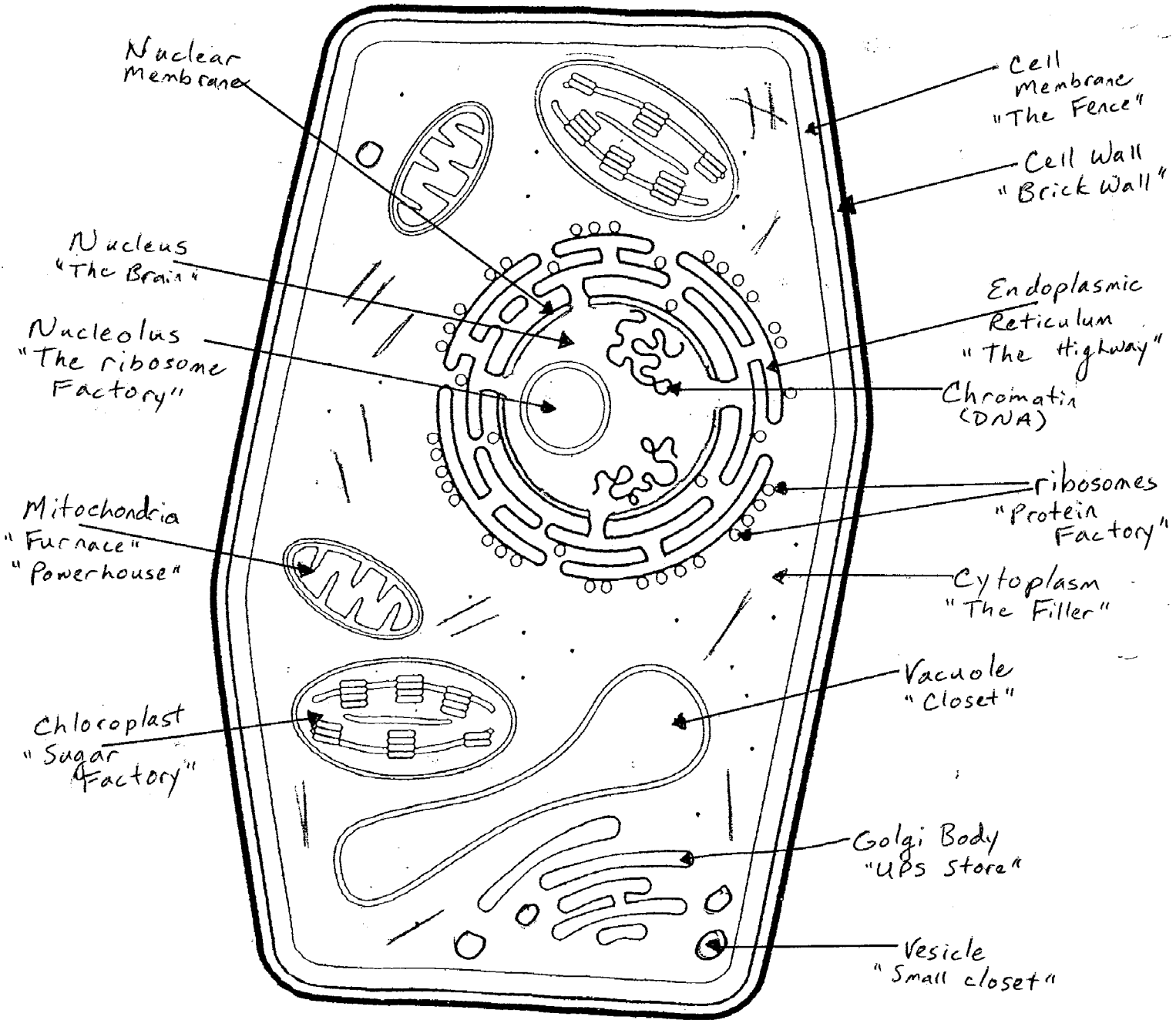|			
cell membrane	light purple	chloroplast	dark green
cell wall	brown	Golgi bodies (complex)	pink
nuclear membrane	dark red	lysosomes	yellow
nucleolus	dark purple	vacuole/ vesicle	blue-green
endoplasmic reticulum	orange	ribosomes	black
cytoplasm	very light blue	mitochondria	dark blue

Note: You will <u>not</u> use every part in the animal cell.

CELL TYPE: **Plant** Cell
(PLANT OR ANIMAL)

Nuclear Membrane

Cell Membrane "The Fence"

Cell Wall "Brick Wall"

Nucleus "The Brain"

Nucleolus "The ribosome Factory"

Endoplasmic Reticulum "The Highway"

Chromatin (DNA)

ribosomes "Protein Factory"

Mitochondria "Furnace" "Powerhouse"

Cytoplasm "The Filler"

Vacuole "Closet"

Chloroplast "Sugar Factory"

Golgi Body "UPS Store"

Vesicle "Small closet"

Directions: Color the cell parts according to the key below. Then label the parts with the name and nickname.

cell membrane	light purple	chloroplast	dark green
cell wall	brown	Golgi bodies (complex)	pink
nuclear membrane	dark red	lysosomes	yellow
nucleolus	dark purple	vacuole/ vesicle	blue-green
endoplasmic reticulum	orange	ribosomes	black
cytoplasm	very light blue	mitochondria	dark blue

NOTE: You will NOT use every part in the plant cell.