

Fill in the Blank:

A is the smallest unit of

The three vital functions of a cell are,
and

All cells have a, with a varying number of
....., and

PROKARYOTIC CELL

Label the parts of a prokaryotic cell:

GENETIC MATERIAL

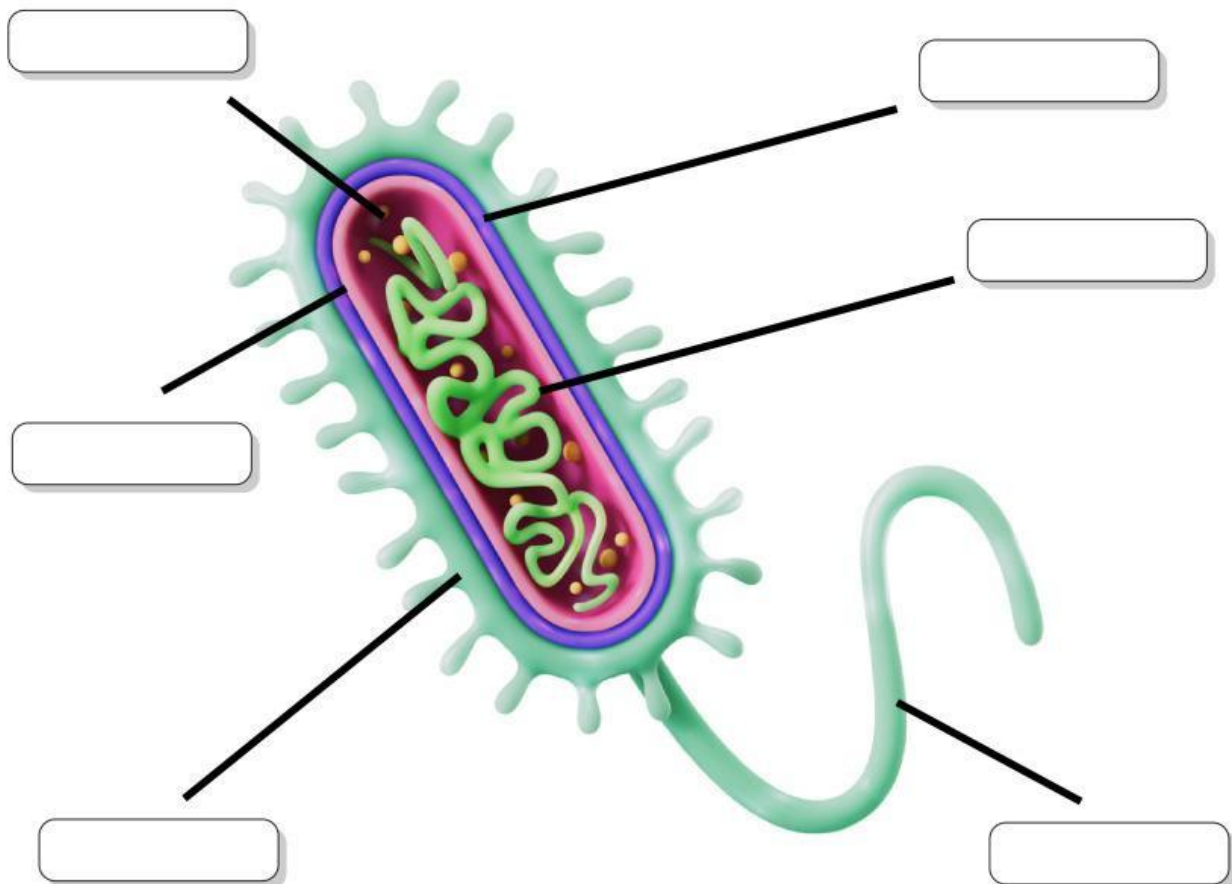
PLASMA MEMBRANE

RIBOSOME

CELL WALL

FLAGELLUM

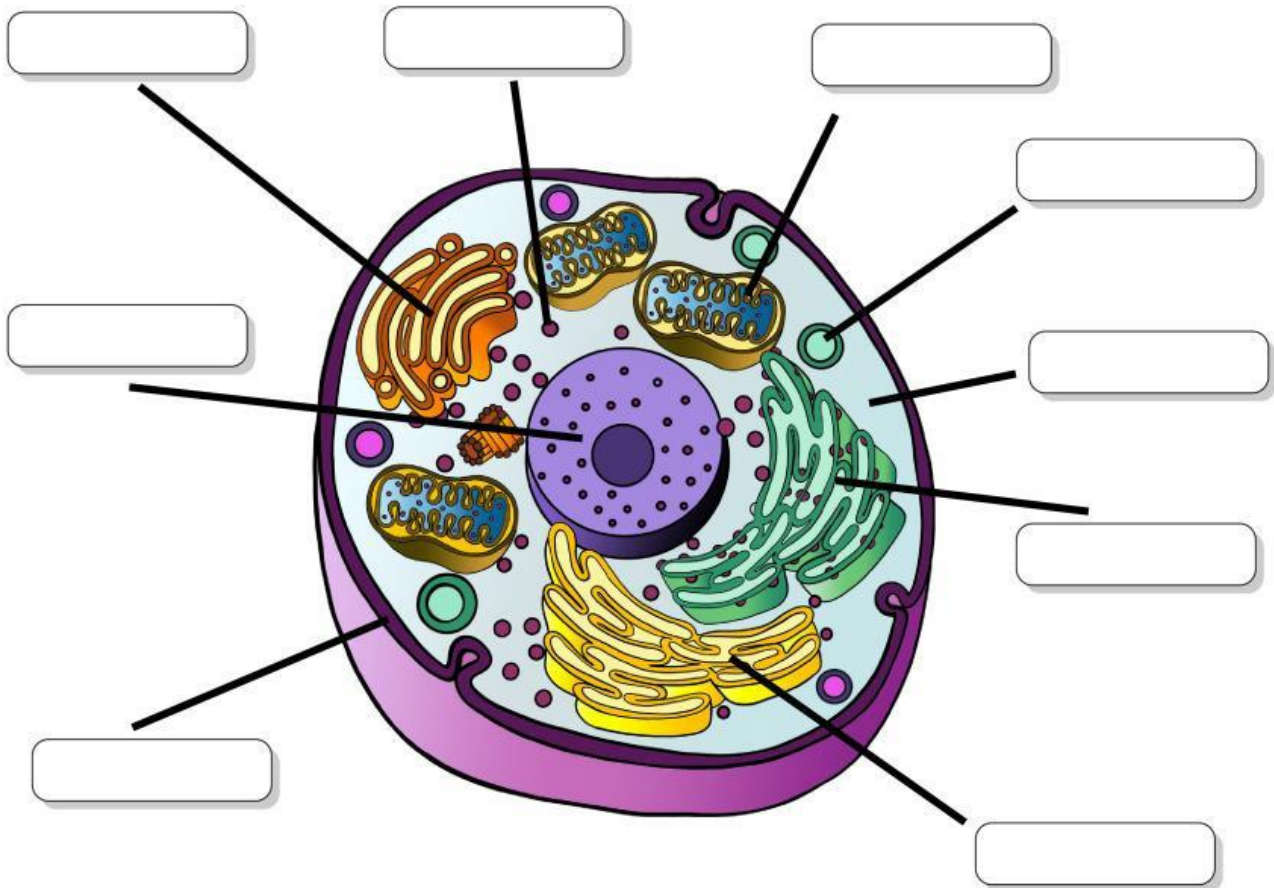
CAPSULE



EUKARYOTIC CELLS

Label the parts of an animal cell:

NUCLEUS MITCHONDRIA RIBOSOME CYTOPLASM LYSOSOME
ROUGH ENDOPLASMIC RETICULUM PLASMA MEMBRANE
GOLGI APPARATUS SMOOTH ENDOPLASMIC RETICULUM



Match the cell organelle with its function:

NUCLEUS	CREATES ENERGY (ATP)
MITCHONDRIA	CONTROLS WHAT ENTERS AND LEAVES THE CELL
PLASMA MEMBRANE	PACKAGES AND SENDS PROTEINS
ROUGH ER	HOLDS THE GENETIC MATERIAL (DNA)
GOLGI APPARATUS	PRODUCES PROTEINS
RIBOSOME	MODIFIES PROTEINS

Label the parts of a plant cell:

NUCLEUS

MITCHONDRIA

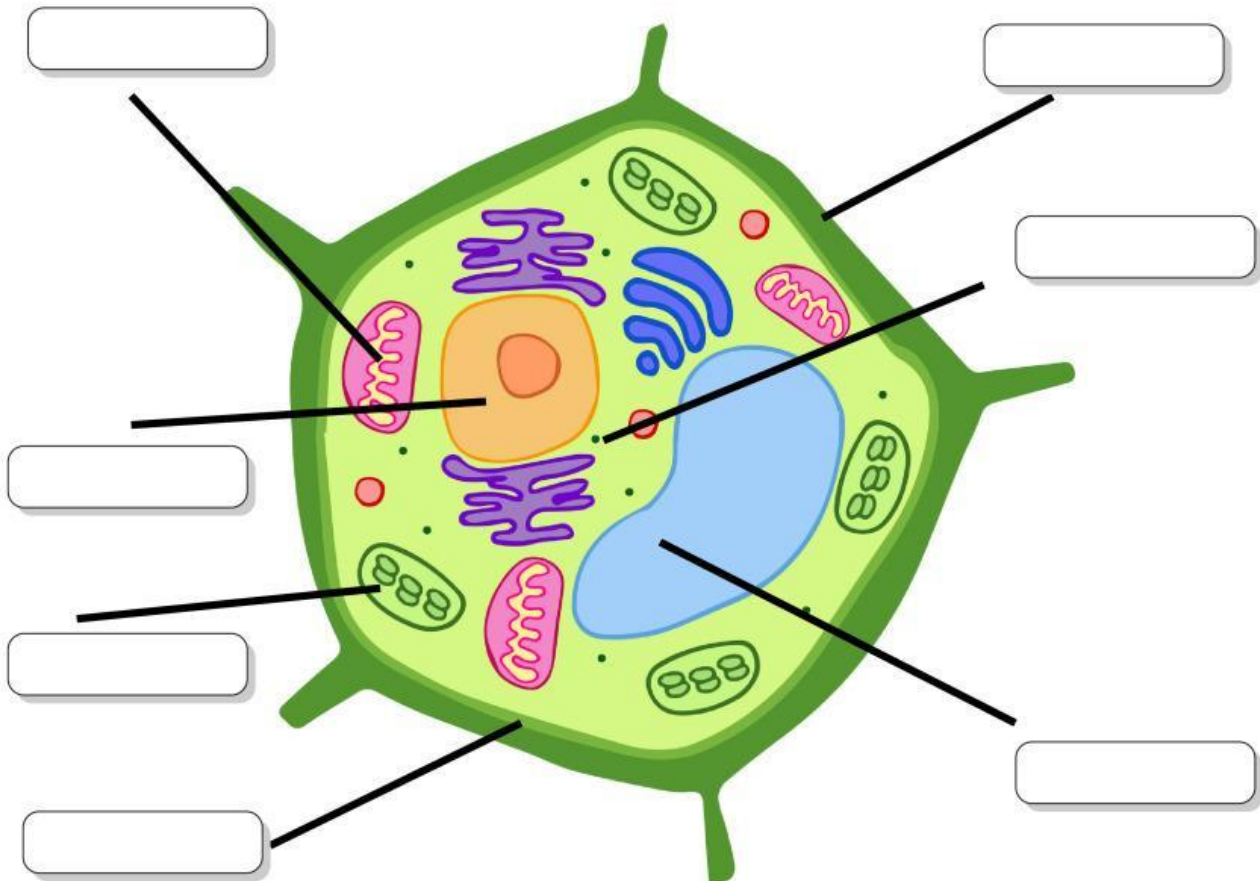
PLASMA MEMBRANE

RIBOSOME

VACUOLE

CELL WALL

CHLOROPLAST



Match the cell organelle with its function:

VACUOLE

CHLOROPLAST

CELL WALL

SITE OF PHOTOSYNTHESIS

SUPPORTS, GIVES SHAPE AND PROTECTS CELL

HELPS MAINTAIN WATER BALANCE