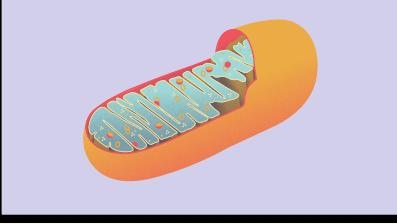
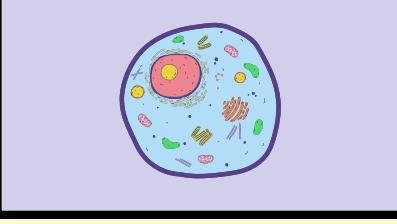
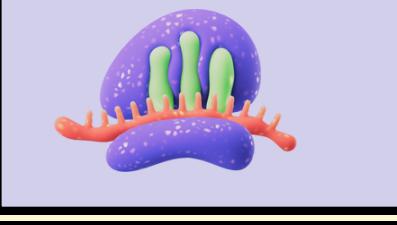
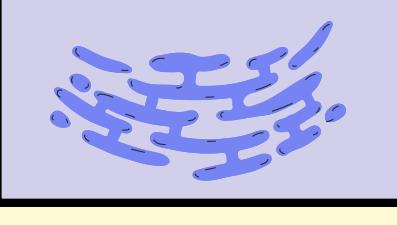


INSIDE ANIMAL CELLS

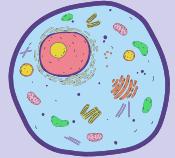
Write the correct function for each organelle shown in the illustrations below.

NAME OF CELL ORGANELLE	FUNCTION	ILLUSTRATION
Nucleus		
Mitochondria		
Cell Membrane		
Ribosomes		
Golgi Apparatus		
Endoplasmic Reticulum		



INSIDE ANIMAL CELLS

Answer Key

NAME OF CELL ORGANELLE	FUNCTION	ILLUSTRATION
Nucleus	The “control center” of the cell. It contains DNA and controls all cell activities such as growth and reproduction.	
Mitochondria	Known as the “powerhouse of the cell.” They release energy through respiration.	
Cell Membrane	A thin outer layer that controls what enters and leaves the cell. It protects the cell and maintains its shape.	
Ribosomes	Small structures either floating in the cytoplasm or attached to the rough endoplasmic reticulum; they make proteins.	
Golgi Apparatus	Modifies, sorts, and packages proteins and lipids for transport inside or outside the cell.	
Endoplasmic Reticulum	Rough ER: Has ribosomes on its surface and helps in protein transport. Smooth ER: Has no ribosomes and helps in lipid (fat) synthesis and detoxification.	

