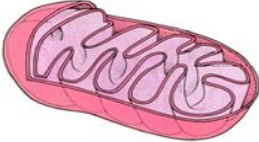
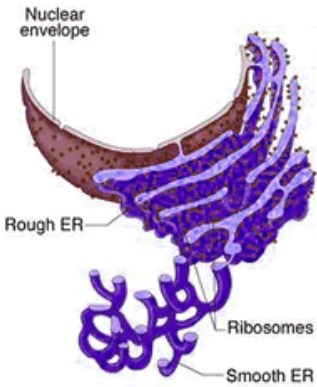
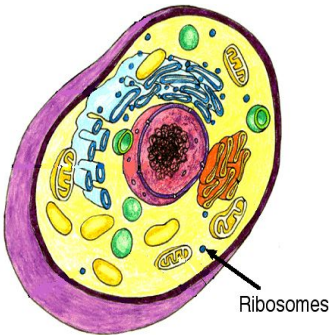
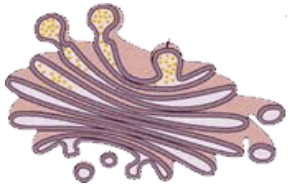

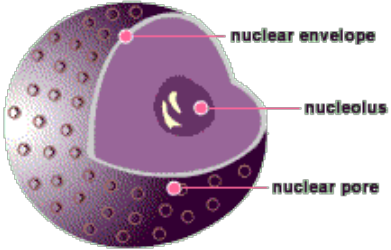
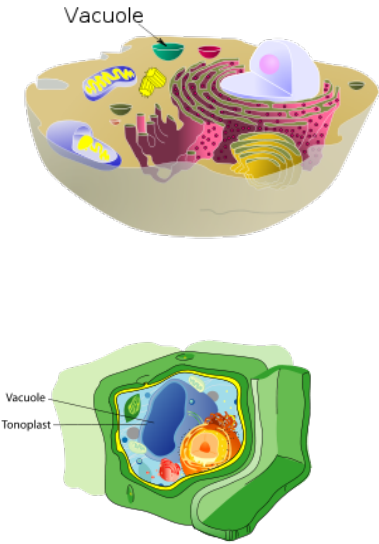
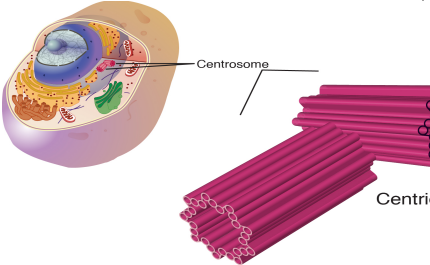

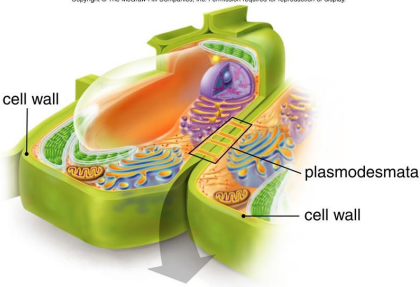
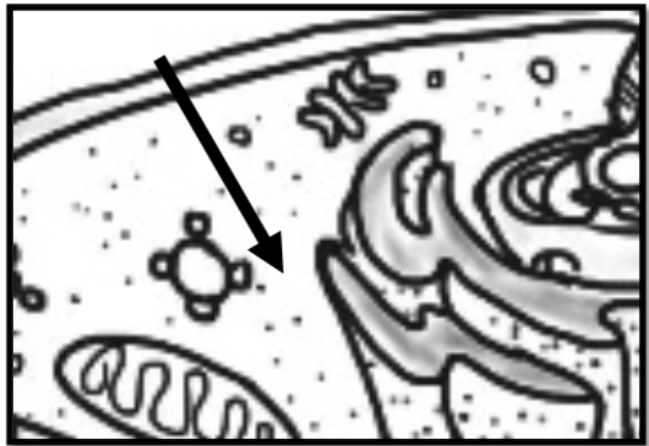
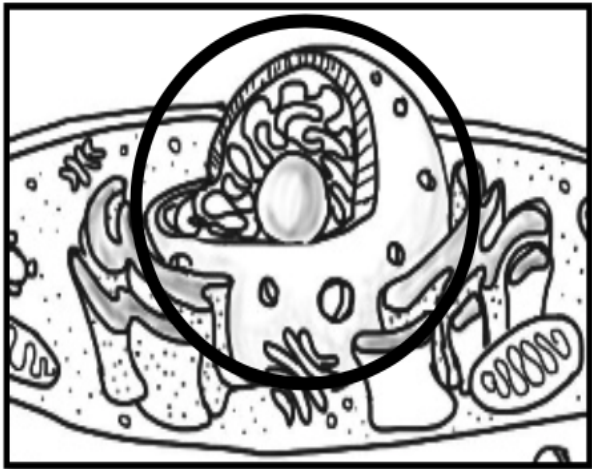
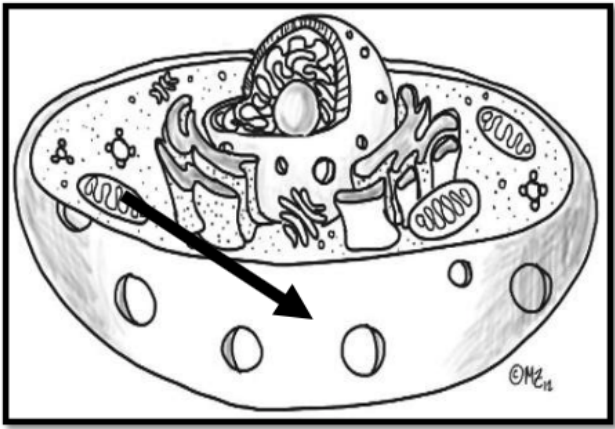


**LE Cell Topic 4: Parts of a Cell**

#	Diagram	Organelle (Cell Part)	Function
1			
2	 <p>Nuclear envelope Rough ER Ribosomes Smooth ER</p>		<p>Transports proteins and breaks down toxins in the cell. It carries proteins from one part of the cell to another.</p> <p>Rough E.R is covered in ribosomes which make the proteins that are transported.</p>
3	 <p>Ribosomes</p>		<p>Makes protein.</p> <p>Mostly found on the endoplasmic reticulum, but are also found in the cytoplasm.</p> <p>Found in both plant and animal cells.</p> <p>Some are free, some are stuck in the ER</p>

4			<p>Receive proteins and package them up to distribute throughout the cell.</p>
5			<p>Small organelles filled with enzymes.</p> <p>Gets rid of “junk”.</p> <p>Breaks down old organelles. Found in plant and animal cells.</p>
6			
7			<p>Are the storage areas of cells.</p> <p>Plant cells have one large vacuole.</p> <p>Animal cells have multiple smaller vacuoles.</p> <p>Stores food, water, and wastes</p>

<p>8</p>	 <p>Centrosome</p> <p>Centri</p>		
<p>9</p>			
<p>10</p>	<p>Copyright © The McGraw-Hill Companies, Inc. Permission required for reproduction or display.</p>  <p>cell wall</p> <p>plasmodesmata</p> <p>cell wall</p>		<p>Provides additional support (plant cells).</p> <p>Made of 3 to 4 layers for rigidity.</p>

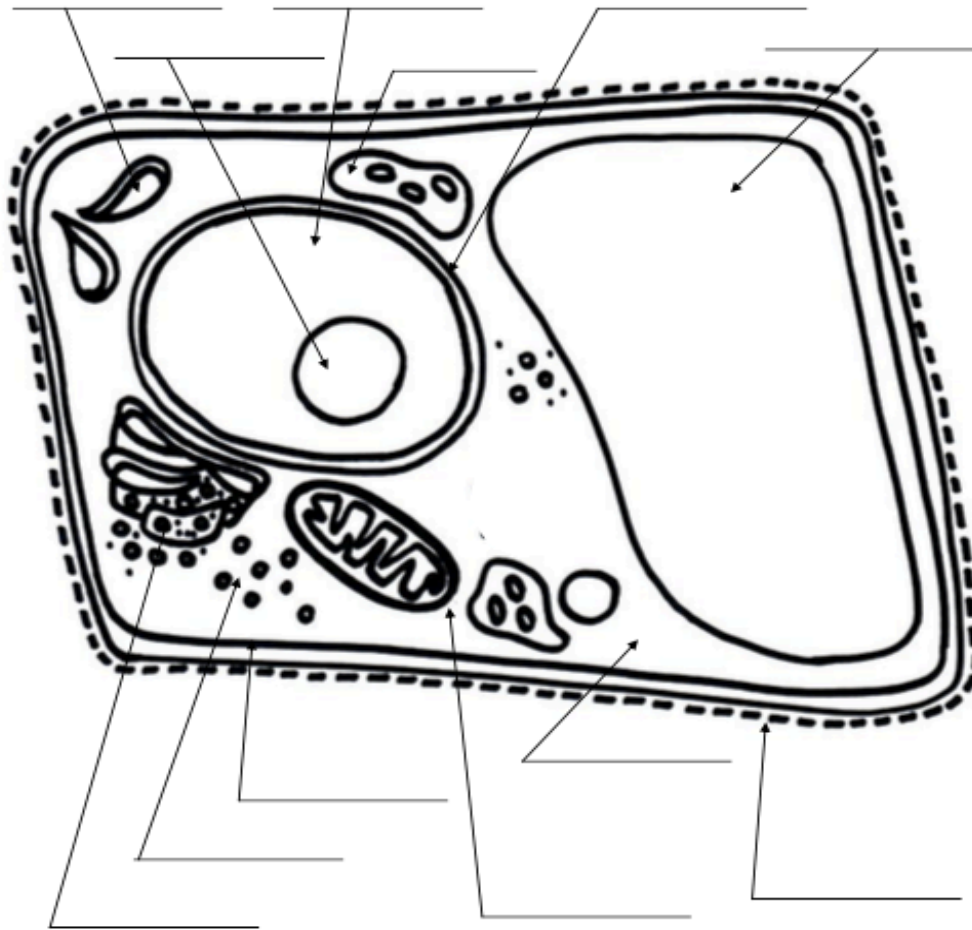


Name \_\_\_\_\_ Period \_\_\_\_\_ Date \_\_\_\_\_

### LE Cell Daily Quiz 4

*Label 3 organelles and describe their functions.*

Cell Wall	Cytoplasm	Mitochondria	Cell Membrane	Ribosome	ER
Vacuole	Nuclear Membrane	Chloroplast	Nucleus	Nucleolus	Golgi Body



1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

4. \_\_\_\_\_

Name \_\_\_\_\_ Period \_\_\_\_\_ Date \_\_\_\_\_

**LE Cell Topic Quiz**

*Match the organelle with function by drawing a line.*

CHLOROPLAST

CELL MEMBRANE

CENTROSOME

GOIGI BODY

LYSOSOME

NUCLEUS

MITOCHONDRION

NUCLEOLUS

ER

VACUOLE

CYTOPLASM

NUCLEAR  
MEMBRANE

RIBOSOME

Makes food for photosynthesis

Controls cell activities, home of DNA

Separates chromosomes

Surrounds the cell. Offers protection & support. Controls movement in & out of the cell

Makes ribosomes

Supports/protects cell parts

Stores food, water, wastes

Breaks down sugar for energy

Breaks down food molecules

Makes protein

Packages & transports proteins

Surrounds the nucleus. Offers protection & support. Controls movement in & out of the nucleus

Carries food & water into the cell



# cell venn diagram

Name: \_\_\_\_\_

animal cell

plant cell

