

Chapter 7 Section 2
 Cell Structures & Functions
 Objectives: Students will:

A) Identify all of the structures and organelles of the cell and summarize their function(s).

What are some functions that occur within a cell?
 _____ Excretion

Transportation of cell's products

Storage _____

Division _____ Mobility _____

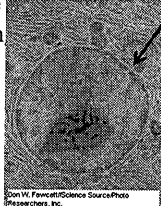
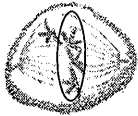
_____ or _____

The _____:
 _____ = _____ housed here

_____ = coiled
 _____: determines our
 _____.

_____ = visible
 _____ composin
 chromosomes

_____ = _____
 controls what goes _____ and _____ of the nucleus (notice the nuclear _____)



_____ = Controls
 _____ and _____:

_____ =makes

Found in both Plant and Animal Cells

Animal Cell

A) Identify all of the structures and organelles of the cell and summarize their function(s).

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_____ : or _____ =
 _____ surrounding _____ in _____

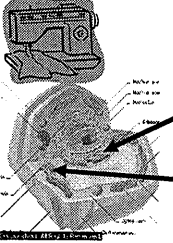
balloon

_____ = _____
 synthesis on the _____

Endoplasmic Reticulum

A) Identify all of the structures and organelles of the cell and summarize their function(s).

_____ & _____
 and membrane _____,



“ _____ ” has _____
 = _____ synthesis

“ _____ ” = Membrane

“ _____ ” for _____

A) Identify all of the structures and organelles of the cell and summarize their function(s).

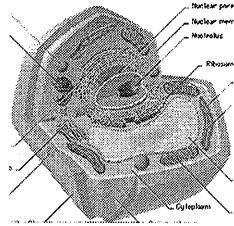
(aka _____
 Packages _____

“ _____ ” for _____
 & _____ Secretions

A) Identify all of the structures and organelles of the cell and summarize their function(s).

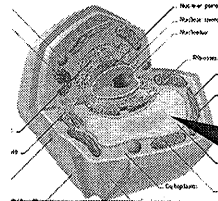
Can you identify the path of the protein from start to finish?

1. _____ - Directions
2. _____ - protein is made
3. _____ - protein is modified & transported
4. _____ - protein is packaged
5. _____ - protein exits the cell



A) Identify all of the structures and organelles of the cell and summarize their function(s).

_____ = _____ for _____ and water



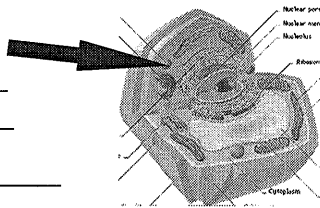
Why are plant vacuoles larger than animal vacuoles?
 _____ creates support for _____
 and _____



A) Identify all of the structures and organelles of the cell and summarize their function(s).

_____ :
 Contains _____

Breaks down _____



A) Identify all of the structures and organelles of the cell and summarize their function(s).

_____ = where _____ is released

The _____ of the cell.
 Uses _____ to convert _____ into _____



The _____ lightning bolt = _____

What organ in the body would have cells containing a high number of mitochondria?



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Understanding/Stamp Check
 When given the following clues, identify the cell part:

1. Provides energy
2. Modifies proteins
3. Controls movement into and out of the cell
4. Uses sunlight to make sugar
5. Controls cell activities
6. Makes ribosomes
7. Packages proteins for transport
8. Removes liquid waste
9. Makes protein
10. Liquid portion of the cell

Complete the Cell City Worksheet for tomorrow's poster.