Topic 1.3

## The Function of Cell Structures

Use with textbook page 29.

1. Cell structures have a specific role or function that supports the life processes of the cell. In your own words, describe the role of each cell structure and indicate which cell it is found in by circling the appropriate word.

Cell Membrane Function:	Cell Wall Function:	Nucleus Function:
Found in which cells?  Plant Animal Both	Found in which cells?  Plant Animal Both	Found in which cells? Plant Animal Both
Chloroplast Function:		Mitochondria  Function:  Found in which cells?  Plant Animal Both
Vesicles Function:  Found in which cells? Plant Animal Both	Vacuoles Function:	Cytoplasm Function:  Found in which cells? Plant Animal Both

2. List one cellular process that the cell would not be able to carry out if the following cell structures were unable to carry out their function:

	The second secon	
0)	cell membrane	
a)	cell illellibrane	1

- b) nucleus \_\_\_\_\_
- c) mitochondria \_\_\_\_\_
- d) chloroplast \_\_\_\_\_

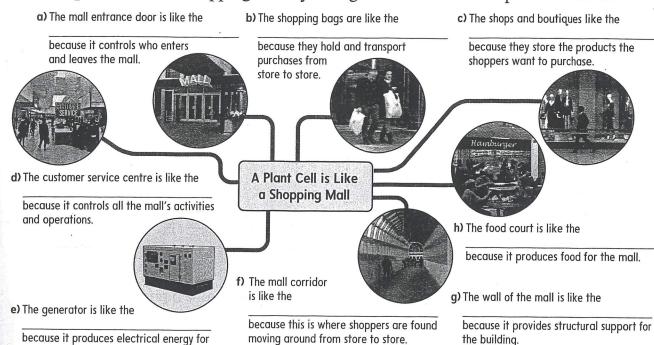


## A Plant Cell Is Like a Shopping Mall

Use with textbook page 29.

A simile is a figure of speech that compares two things that are not alike by using the word "as" or "like." For example, she moved as quiet as a mouse; the water surface was smooth like glass.

1. Compare a cell to a shopping mall by filling in the blanks in the pictures below.



2. Compare a cell to a movie theatre. Complete the following table.

Cell Structure	Is Like	it controls who gets to see the movie by allowing only people with purchased tickets to enter the theatre	
the cell membrane	the ticket booth		
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