Name:_____Date:_____

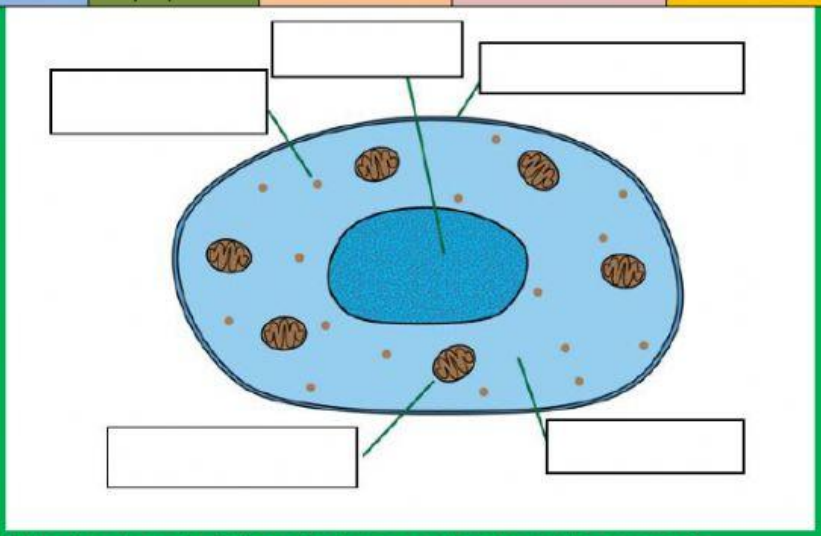
Classwork on Structural Levels of the Body

1. A car can move us from place to place, but it is not characterized as a living thing. Explain.

_____

2. Label the parts of the animal cell. Drag and drop the name of the parts to the diagram below.

Nucleus	Cytoplasm	Mitochondrion	Cell membrane	Ribosome



3. Match up the following characteristics with the correct statement or example:

Respiration	Movement	Excretion	Irritability	Nutrition

Listening to music	Exhaling of carbon dioxide	Occurs in the mitochondrion	Digestion of sugars in the intestine	A dog running

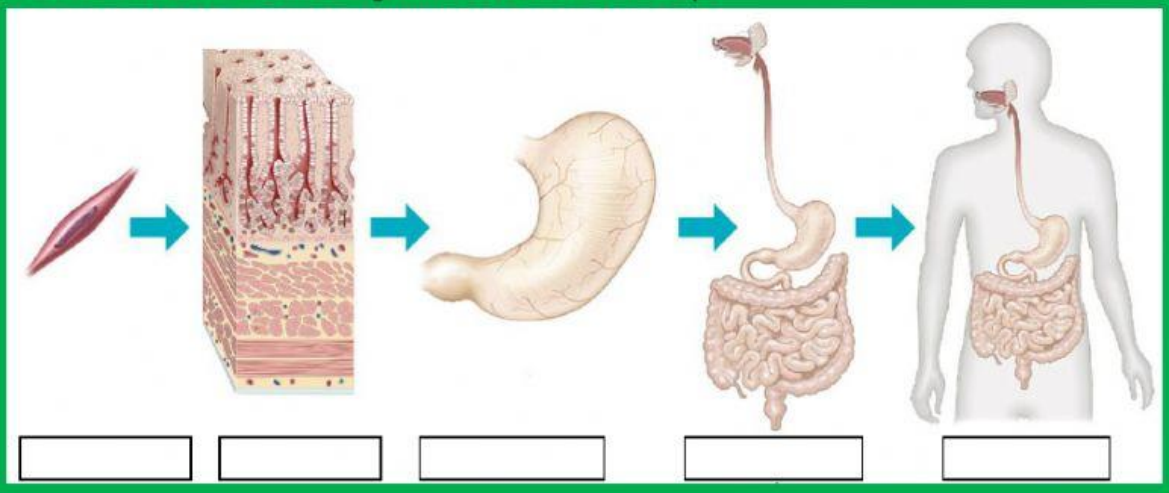
4. Name the system or systems that are involved with the following processes:

Nutrition	→	1.	
Movement	→	1.	2.
Irritability	→	1.	2.

5. State the function of the following structures found in animal cell:

a. Cell membrane	
b. Nucleus	
c. Mitochondrion	

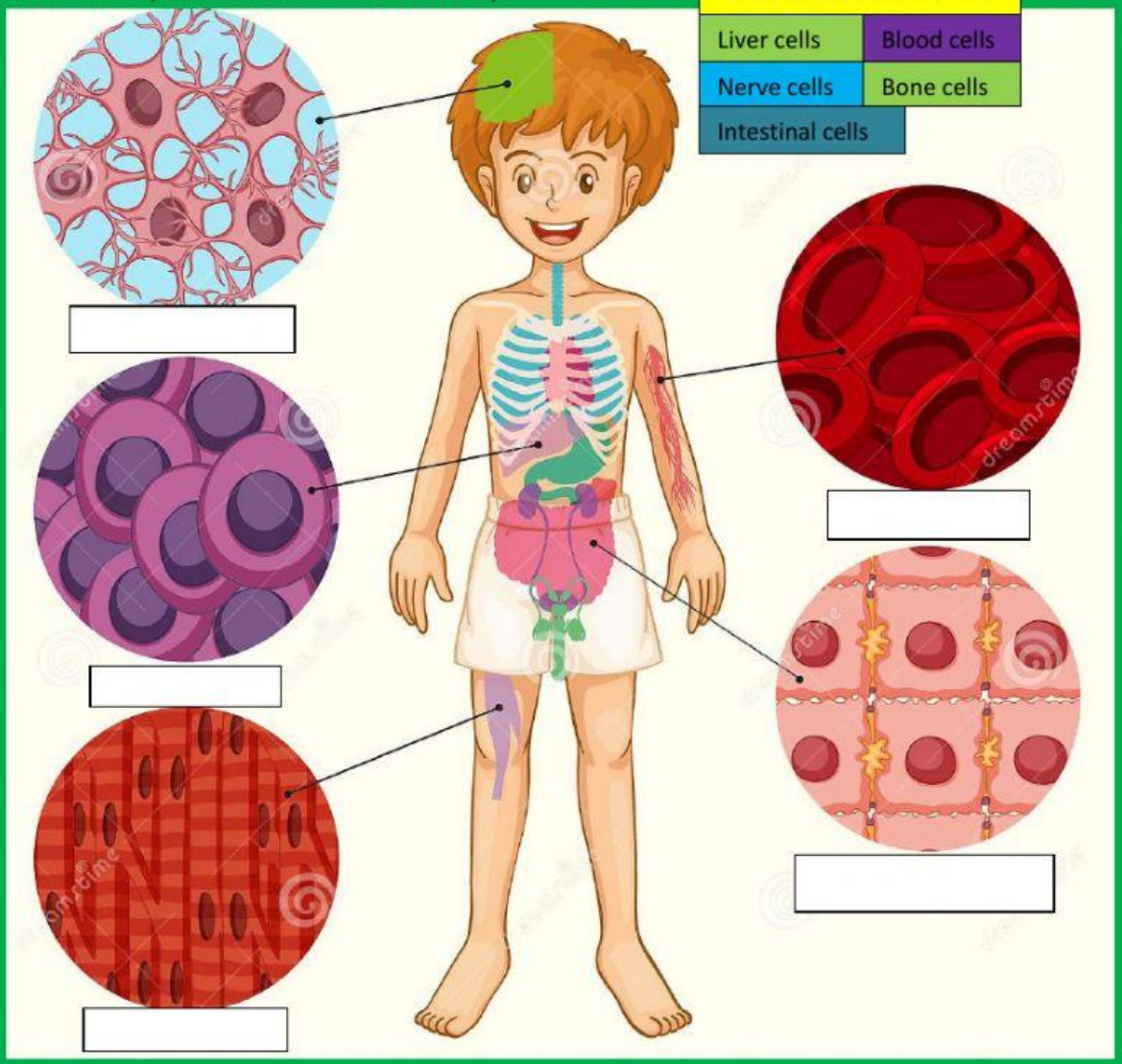
6. Label the structural levels of organization of the human body.



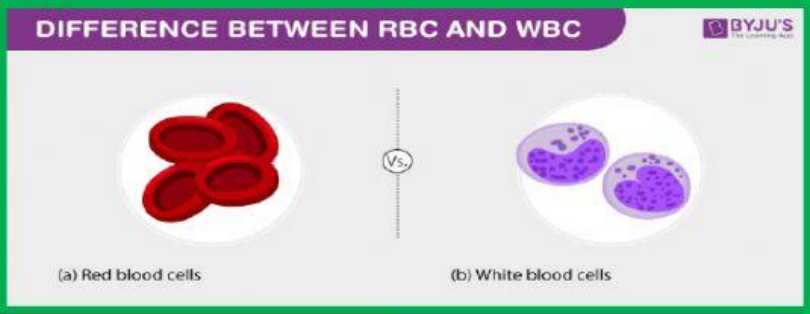
7. Name the specialized cells found in the body.

Drag & Drop the terms below

Liver cells	Blood cells
Nerve cells	Bone cells
Intestinal cells	



8. Two different cells are shown below:



a. Functions difference		
b. Structural difference		
c. Cell parts difference		

9. Number the following from 1-5 in order of increasing size:

_____smooth muscle tissue _____nerve cell _____digestive system

_____stomach _____organism

10. What is the importance of cell specialization?

_____

11. Explain why the mitochondria contain a lot of mitochondria?

_____

12. Name the organ that contains a lot of nerve tissue. _____

13. Define cell and tissue.

Cell _____Tissue_____

14. Why is blood considered a tissue?

_____

15. How Red blood cell adapted to carry its function?

_____