

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

## Cell Processes Unit Review Newsletter Questions

**Directions:** Read the newsletter provided and use it to answer the following questions.

1. Most animal cells are \_\_\_\_\_, meaning they have a \_\_\_\_\_.
2. Fill in the chart below about the different organelles in a cell:

Name	Job	Name	Job
1. Nucleus		2. Mitochondria	
3. Nucleolus		4. Cell Membrane	
5. Ribosomes		6. Lysosomes	
7. Endoplasmic Reticulum		8. Vacuoles	
9. Golgi Bodies		10. Cytoplasm	

3. Who was the first scientists to see cells?

4. What did Leeuwenhoek see?

5. Who stated that plants and animals are made of cells (just last names)?

6. What did Virchow state?

7. How do our cells reproduce? \_\_\_\_\_

8. What are daughter cells?

9. What is the cell cycle? What are the 3 stages?

10. What is mitosis?

11. Fill in the chart below about the phases of mitosis.

Name	What happens	Draw a picture
<b>Prophase</b>		
<b>Metaphase</b>		
<b>Anaphase</b>		

<b>Telophase</b>		
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12. What happens during cellular respiration and why is it important?

13. What happens when there is not enough oxygen to undergo cellular respiration?

14. What is fermentation?

15. What is homeostasis?

16. What is the difference between active and passive transport? Osmosis and diffusion are which type?