

Name: _____ Date: _____ Period _____

Chapter 7 Review

1. Who was the first person to identify and see cells?
2. Name one part of the cell theory.
3. What is the thin flexible barrier around the cell called?
4. Which cell structure contains the cell's genetic material?
5. Which cell structure is responsible for making proteins?
6. Which organelle breaks down food and recycles old organelles so the cell can use them?
7. Which organelle provides the cell with energy?
8. What are two differences between the plant and animal cell?
9. What structure protects the cell and is made of cellulose in plants?
10. What type of organism is a prokaryote?
11. What are two types of cytoskeleton fibers?
12. What type of macromolecule are cell membrane channels made of?
13. How do molecules move in diffusion (with respect to concentration)?
14. Which type of membrane transport requires the input of energy?
15. What is the diffusion of water across a semipermeable membrane called?
16. What term refers to cells having different jobs in an organism?
17. What do you call a group of cells performing a similar function?
18. If you put a cell into a hypotonic solution, where will the water move?
19. What is the basic unit of life?
20. What is the name for multiple organs working together to perform a function?