

Study Guide for Ch 3 Test

1. Active transport vs. Passive transport
2. Distinguish between different types of passive transport
3. Exocytosis vs. endocytosis
4. Distinguish between isotonic, hypertonic & hypotonic solutions
5. Identify cell organelles from a picture
6. Structure of a cell membrane
7. Distinguish between cilia & flagella
8. Identify cell organelles based on their functions
9. The organelles involved in making and transporting a protein in the cell (and sequence)
10. When exactly during cell cycle, cell division occurs?
11. Identify phases of cell cycle based on the events described
12. Determine correct sequence of mitosis based on pictures
13. Identify the phase of a cell cycle based on the pictures
14. When and where does mitosis occur?
15. The results of mitosis
16. What is interphase?
17. What happens during each phase of interphase?
18. Distinguish between mitosis & cytokinesis?
19. Apoptosis
20. What is differentiation? What triggers it?

