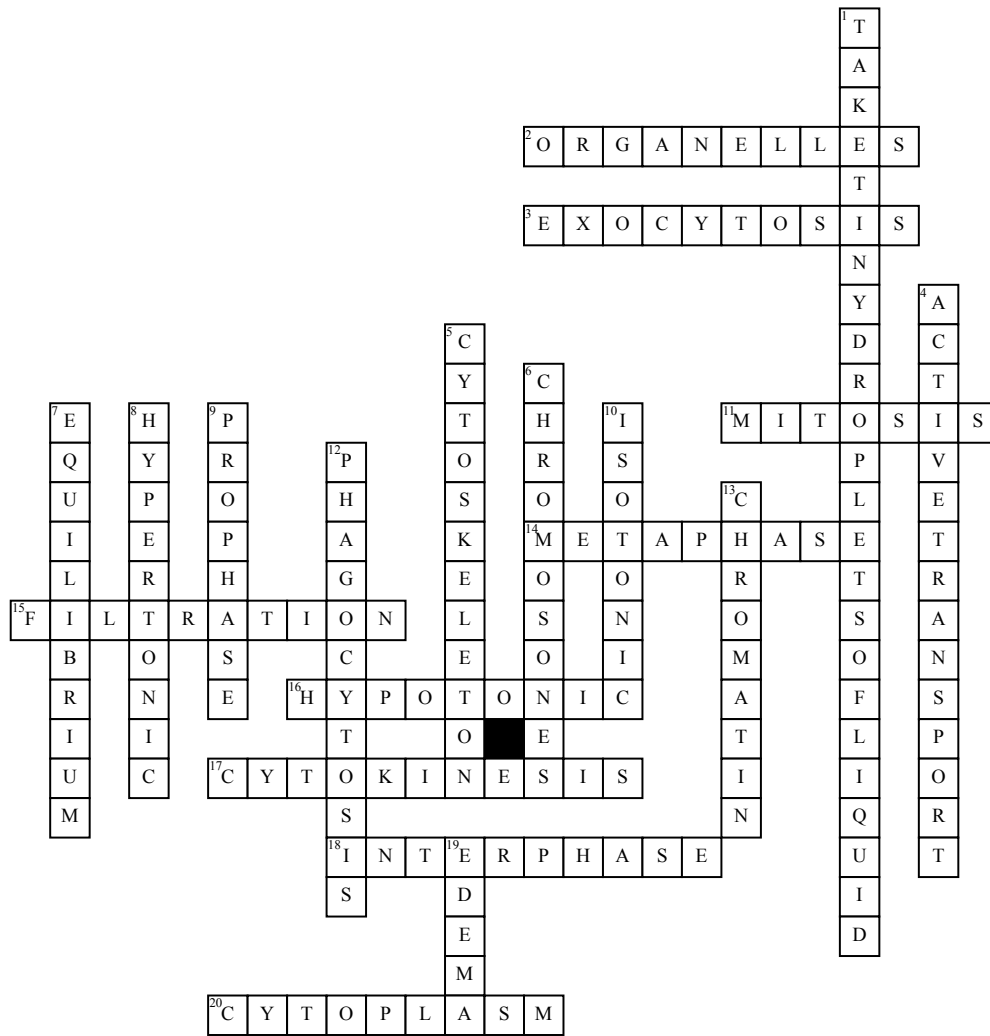


Name: _____

Date: _____

Chapter 3: Cells



Across

2. A structure in a cell that has specialized function
 3. Transport of substances outside of the cell
 11. Division of the nucleus
 14. Chromosomes line up in the middle
 15. Forces molecules through membranes
 16. Lower osmotic pressure

17. Division of the cytoplasm

18. Phase where cells prepare to divide

20. Fills out the cell

Down

1. Pinocytosis

4. Process that moves particles through membranes

5. Provides framework for the cell

6. Rodlike structures that condense from chromatin

7. Uniformly distributed throughout a solution

8. Higher osmotic pressure

9. Chromosomes become visible

10. Same osmotic pressure

12. Cells that take in solids

13. Loosely coiled fibers of DNA

19. Prevents formation of excess tissue fluid

Word Bank

Chromosomes

take tiny droplets of liquid

Organelles

Cytokinesis

Hypotonic

Active Transport

Filtration

Metaphase

Edema

Phagocytosis

Mitosis

Equilibrium

Prophase

Chromatin

Interphase

Cytoskeleton

Hypertonic

Exocytosis

Isotonic

Cytoplasm