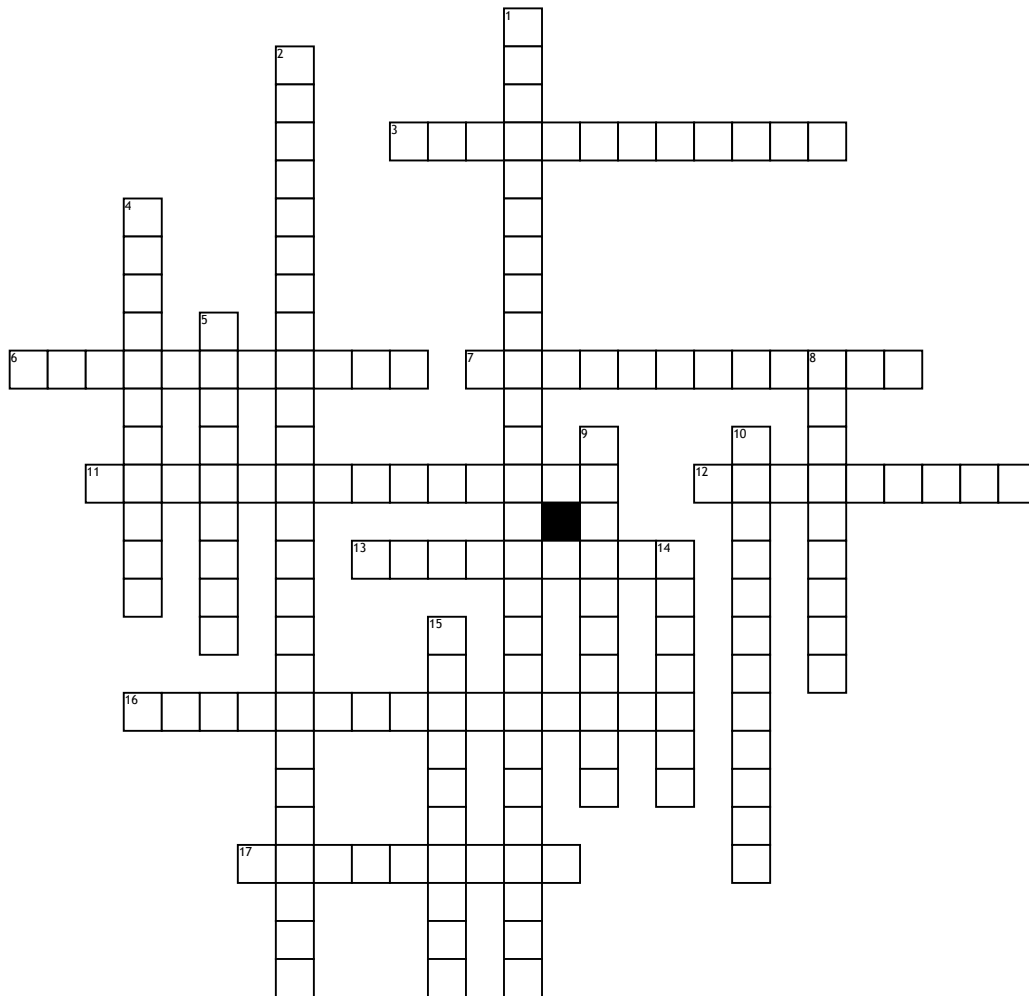


Name: _____

Date: _____

Cell Interior



Across

- 3. Responsible for synthesizing ATP
- 6. Resemble lysosomes but contain different enzymes and are produced by the endoplasmic reticulum rather than the Golgi Complex
- 7. Synthesize carbohydrates and puts finishing touches on proteins and glycoprotein synthesis
- 11. Microscopic membrane of lipids and proteins, forms an external boundary of the cytoplasm.
- 12. Jelly-like substance that fills the inside of the cell

- 13. Fine threadlike matter composed of DNA and protein
- 16. Double membrane and has nuclear pores
- 17. Where ribosomes are produced

Down

- 1. Synthesizes steroids and other lipids, detoxifies alcohol and other drugs
- 2. Flattened sacs covered with ribosomes, produces phospholipids and proteins of the plasma membrane
- 4. Hairlike border of cell where the surface area increases

- 5. Small granules of protein and RNA found in the Nucleoli, Cytosol, and the outer surfaces of Rough ER and Nuclear Envelope
- 8. Eukaryotic cells containing degradative enzymes enclosed in a membrane
- 9. Where two centrioles lie together
- 10. Support a cell, determines its shape, organize its content, and contributes movements of the cell
- 14. Largest organelle
- 15. Nine groups of three microtubules arranged in a cylinder shape

Word Bank

- Lysosomes
- Cytoskeleton
- Chromatin
- Centrosome
- Rough Endoplasmic Reticulum
- Nuclear Envelope

- Peroxisomes
- Ribosomes
- Centrioles
- Golgi Complex
- Plasma Membrane
- Mitochondria

- Smooth Endoplasmic Reticulum
- Microvillus
- Nucleus
- Cytoplasm
- Nucleolus