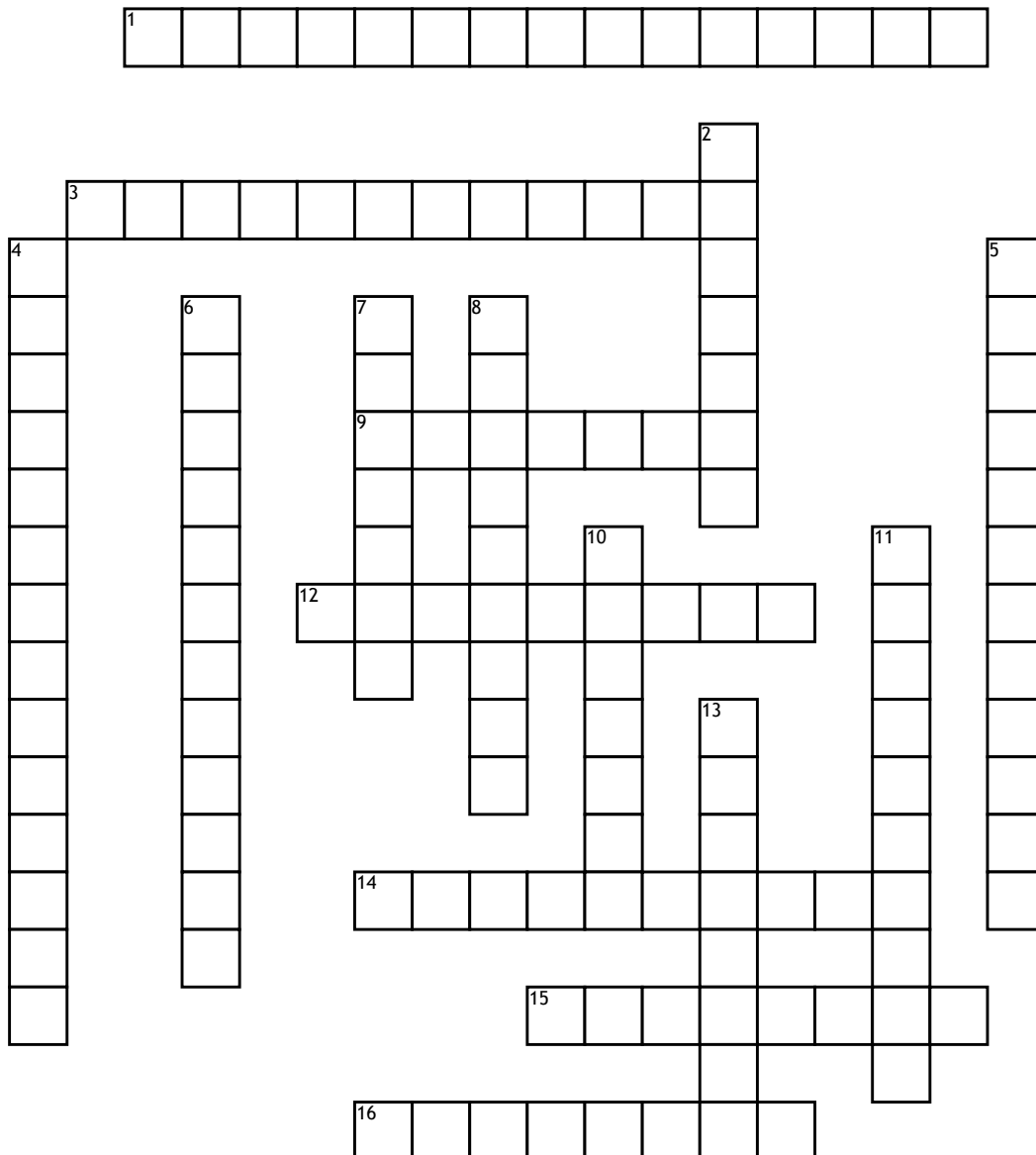


Name: _____

Date: _____

Cytology



Across

- 1. Double layered, to protect genetic material
- 3. Makes ATP; site of cellular respiration
- 9. Jelly-like substance; helps maintain cell shape
- 12. Site where ribosomal subunits are made
- 14. Creates spindle fibers (for attachment to chromosome to pull apart during mitosis)

15. Vacuole with digestive enzymes

16. Synthesizes lipids, storage & regulates Ca, hormones, & steroids; also detoxifies

Down

- 2. Holds cellular substances that are not being used at the time
- 4. Receiving, packing, and shipping center; packages & modifies products

5. Semi-permeable, regulates how substances get in & out

6. How messages get out of the nucleus

7. Contains nuclear material, DNA

8. Cytosol + organelles

10. Studded with ribosomes

11. Made up of two centrioles

13. Site of protein synthesis