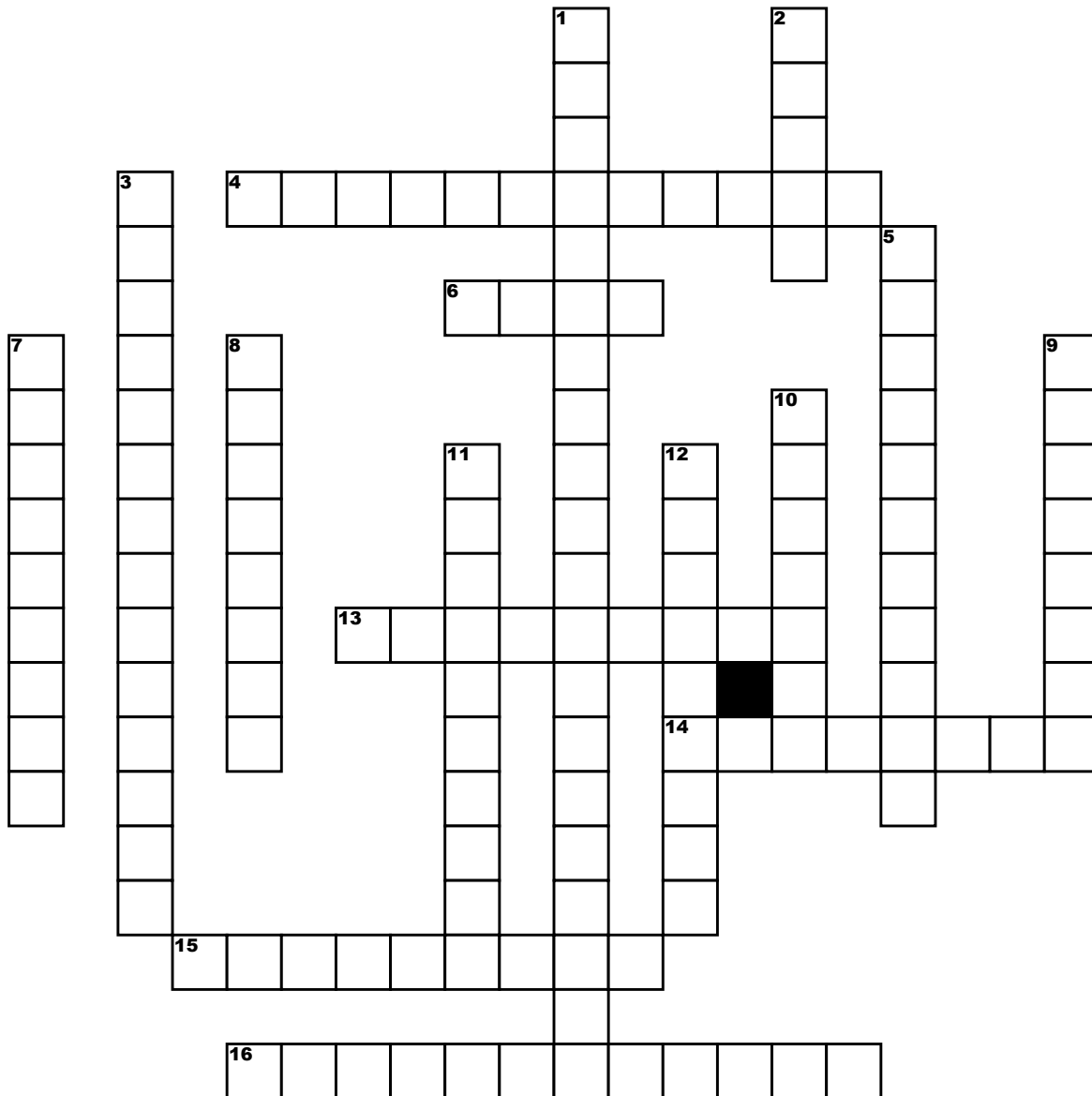


Name: _____ Date: _____ Period: _____

Cell Parts



Across

4. an organelle in the cytoplasm of cells that produces energy

6. the basic structural unit of all living things

13. A single-celled or multicellular organism whose cells contain a membrane-bound nucleus

14. a cell organelle containing enzymes that digest particles

15. a specialized part of a cell having some specific function made of macromolecules

16. the semipermeable membrane enclosing the cytoplasm of a cell

Down

1. The membrane network in cytoplasm that is composed of tubules that carry ribosomes on their surfaces some are rough while others are smooth.

2. providing locomotion to protozoans and moving liquids along internal tissues in animals

3. a complex of vesicles and folded membranes within the cytoplasm of most eukaryotic cells, involved in secretion and intracellular transport

5. contains chlorophyll and other pigments, occurs in plants and algae that carry out photosynthesis

7. enables many protozoa, bacteria, spermatozoa to move about / swim about the cell

8. the definite boundary that is part of plant cells and not in animal cells

9. particles in the cytoplasm of cells, either free or attached to the endoplasmic reticulum, that contain RNA and protein and are the site of protein synthesis

10. a double membrane, and found in most living eukaryotic cells, directing their growth, metabolism, and reproduction, and functioning in the transmission of genic characters

11. organism not enclosed in a nucleus. Bacteria and archaeans are this

12. jelly like substance between the cell membrane and the nucleus