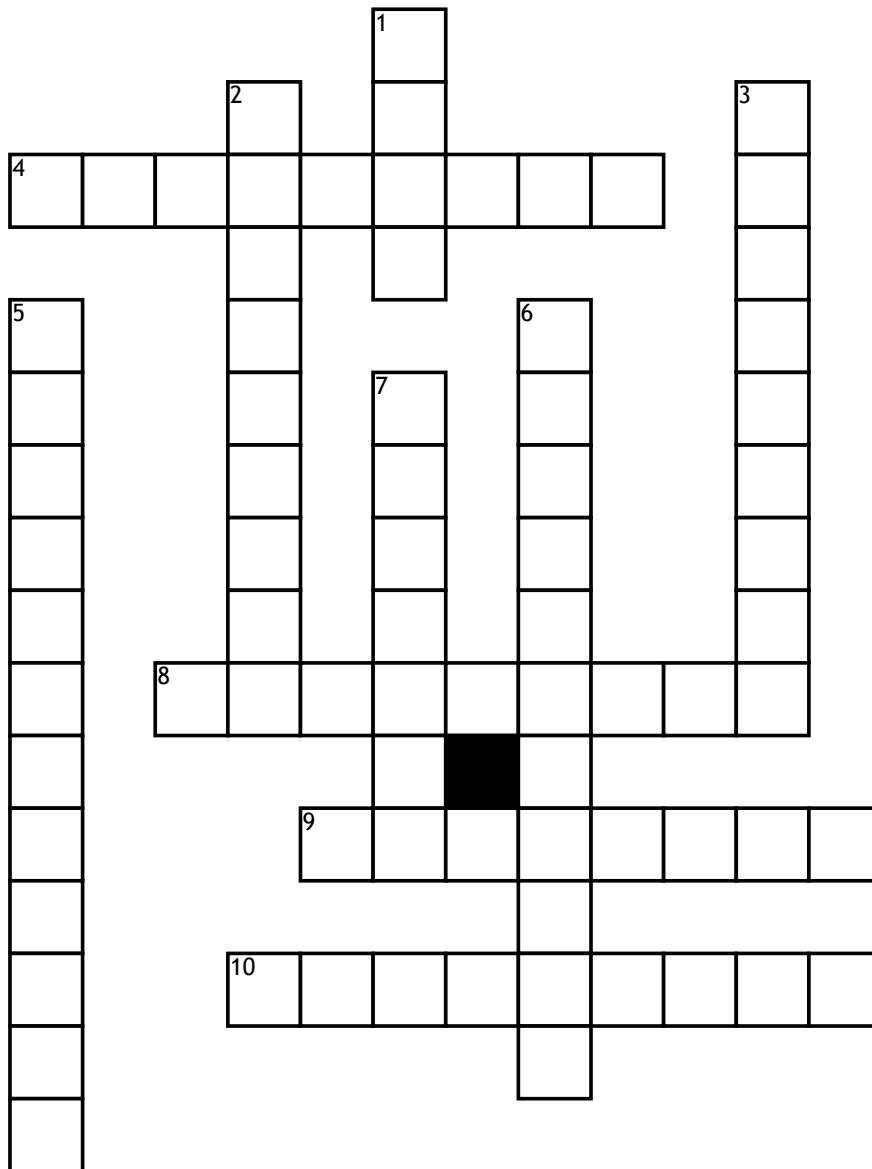


Name: _____

Date: _____

Animal and Plant Cell Organelles



Across

4. The material or protoplasm within a living cell, excluding the nucleus
8. An organelle in the cytoplasm of eukaryotic cells containing degradative enzymes enclosed in a membrane
9. A rigid layer of polysaccharides lying outside the plasma membrane of the cells of plants
10. a minute particle consisting of RNA and associated proteins, found in large numbers the cytoplasm of living cells

Down

1. The smallest structural and functional unit of an organism

2. A complex of vesicles and folded membranes with in the cytoplasm of most eukaryotic cells, involved in secretion and intracell
3. A small dense spherical structure in the nucleus of a cell during interphase
5. An organelle found in large numbers in most cells, in which the biochemical processes of respiration and energy production occur
6. A plastid that contains chlorophyll and in which photosynthesis takes place
7. A space or vesicle within the cytoplasm of a cell, enclosed by an membrane and typically containing fluid