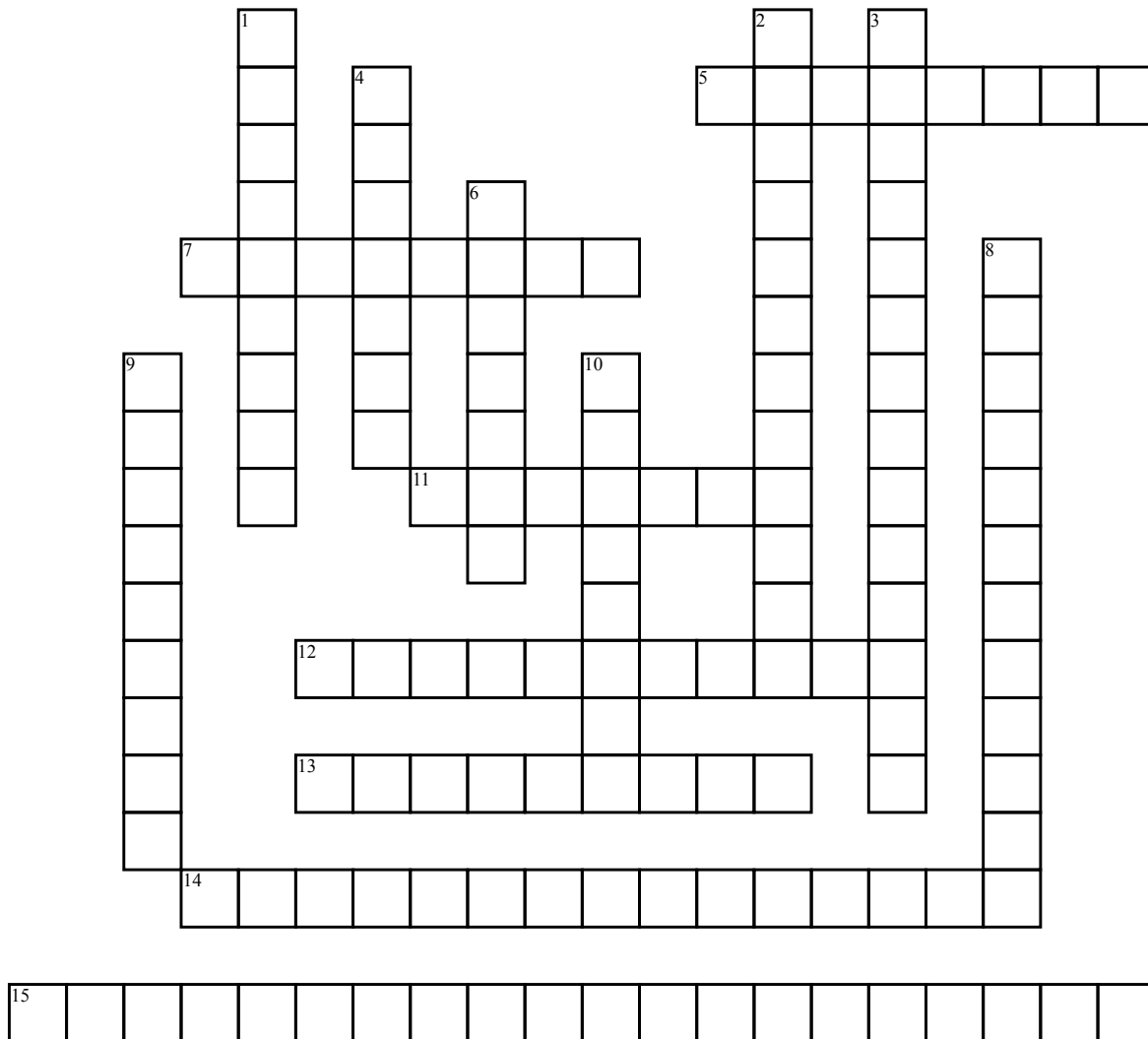


Name: _____

Bio project



Across

5. A minute particle consisting of RNA and associated proteins found in large number in the cytoplasm of living cells

7. A rigid layer of polysaccharides lying outside that plasma membrane of the cells of plants, fungi, and bacteria

11. Any of a class of small organelle

12. A plastid that contains chlorophyll and in which photosynthesis takes place

13. Any of a number of organized or specialized structures within a living cell

14. A double membrane that encloses the cell nucleus

15. A network of membranous tubules within the cytoplasm of a eukaryotic cell, continuous with the nuclear membrane

Down

1. A small dense spherical structure in the nucleus of a cell during interphase

2. An organelle found in large numbers in most cells, in which the biochemical processes of respiration and energy production occur

3. A complex of vesicles and folded membrane within the cytoplasm of most eukaryotic cells

4. A dense organelle present in most eukaryotic cells, typically a single rounded structure bounded by a double membrane

6. A space or vesicle within the cytoplasm of a cell

8. A double layer of lipids and proteins that surrounds a cell

9. A minute cylindrical organelle near the nucleus in animal cells, occurring in pairs and involved in the development of spindle fibers in cell division

10. In plants, now in the cytoplasm of eukaryotic cells containing degradative enzymes enclosed in a membrane