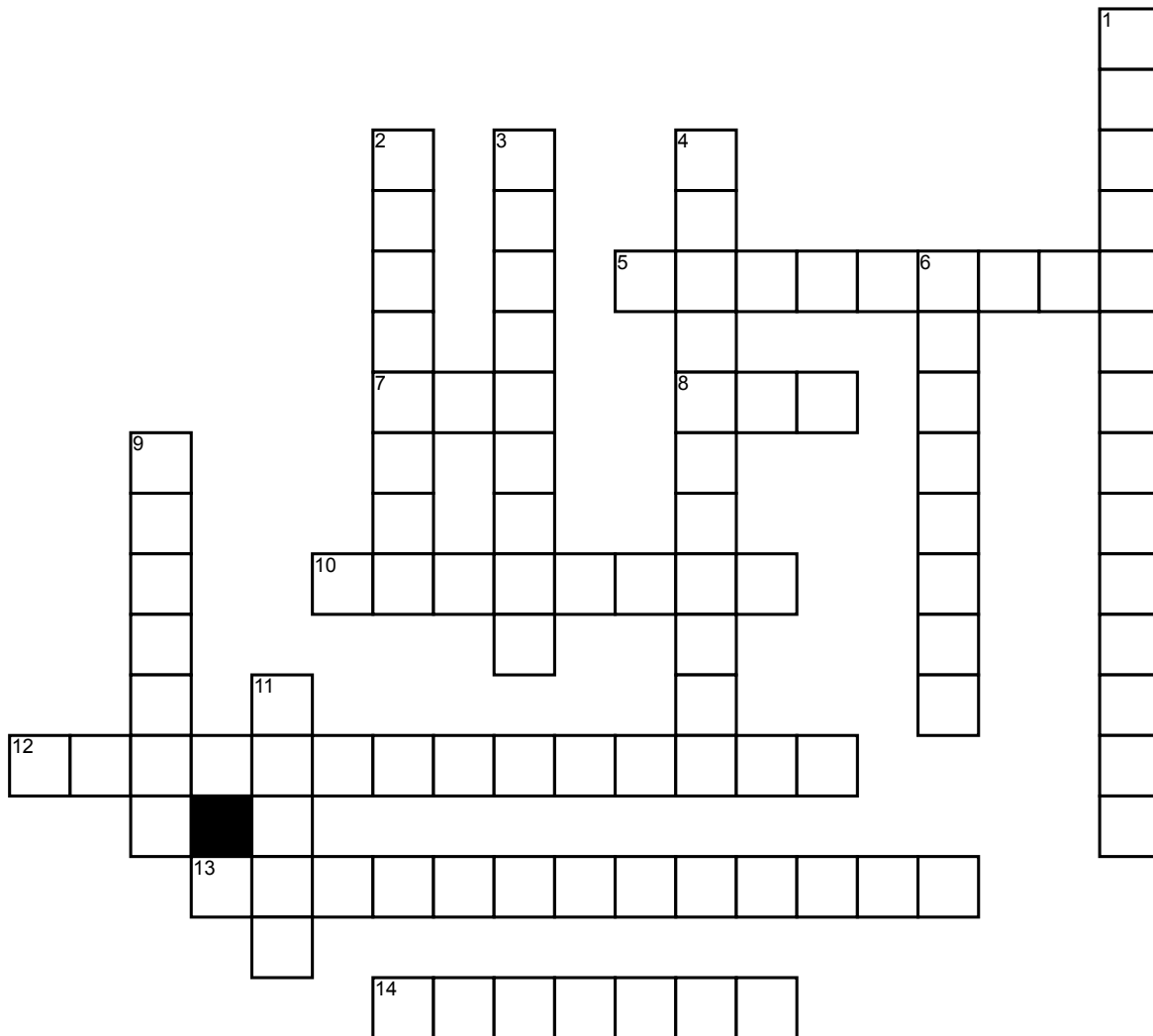


Cell Structure - structure



Across

- 5.** like cilia but longer
7. similar to RER, has no ribosomes
8. system of membranes enclosing a fluid-filled space, surface covered in ribosomes
10. rigid structure that surrounds plant cells, made mainly of carbohydrate cellulose
12. group of fluid filled, membrane bound flattened sacs. Vesicles are seen at edges

- 13.** double membrane, inner one - cristae, inside - matrix
14. large organelle surrounded by a nuclear envelope which contains pores

Down

- 1.** membrane found on surface of animal cells, just inside of plant cells and prokaryotic cells
2. very small and either floats free in cytoplasm/attached to RER, not surrounded by a membrane

- 3.** small, hollow cylinders - microtubules
4. small, flattened structure, in plant cells, double membrane (thylakoid membranes)
6. round organelle surrounded by a membrane, with no clear internal structure
9. small fluid filled sac in cytoplasm, surrounded by a membrane
11. small, outer membrane and ring of nine pairs of protein microtubules