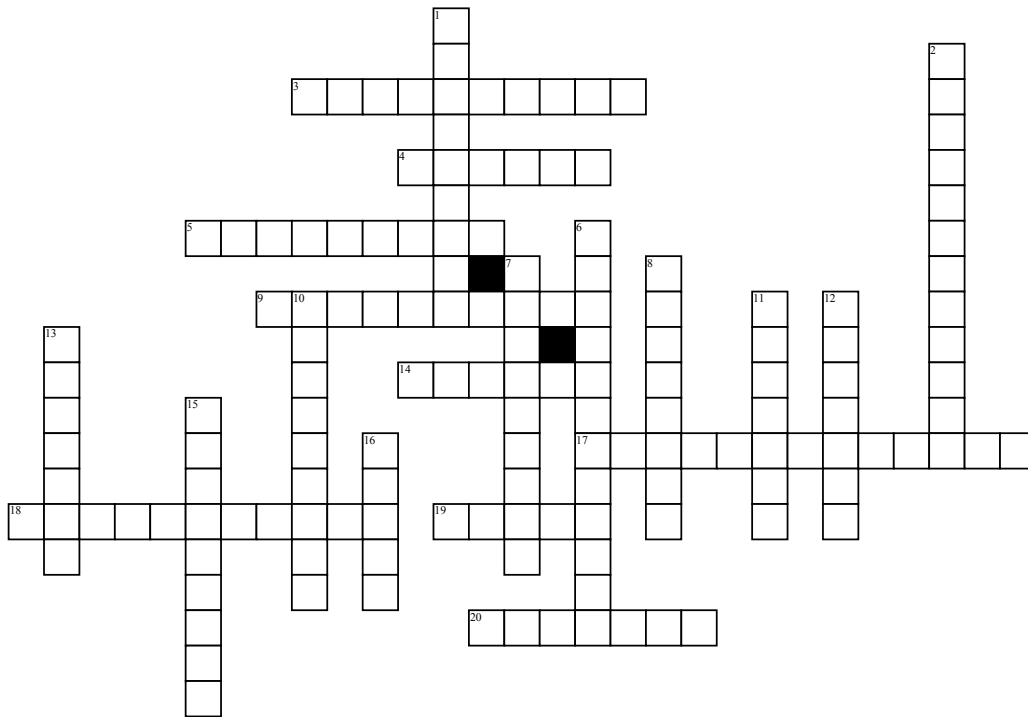


Differences Between Plant and Animal Cells



Across

3. Which cell is often more pliable because it lacks a cell wall?
4. In Animal cells, food is usually stored as glycogen, but in Plant cells, food is most often stored as _____.
5. These organelles are rare in plant cells but are almost always in animal cells. They break down protein
9. Which cell can change shape more easily?
14. In an animal cell, the nucleus is most often on the border, but in a plant cell, it is most often in the _____ of the cell
17. What is the narrow thread of cytoplasm that passed through the cells walls and is only found in plant cells?
18. Animal Cell: Round, Plant cell: _____.

19. This hairlike organelle is often found in animal cells, but rarely in plant cells
20. This organelle is a major double-membrane organelle that is only found in plant cells that often contain pigment used in photosynthesis.

Down

1. This type of cell DOES have glyoxysomes
2. What organelle do both plant and animal cells have that can be described as "the powerhouse"?
6. This organelle contains chlorophyll and is only found in plant cells.
7. This organelle is the processor of spindle fibers and is rarely found in plant cells.
8. The _____ is only found in plant cells and makes them strong and rigid.

10. What organelle that both animal and plant cells have that help make ribosomes? It is inside the nucleus.
11. What organelle is often much larger in a plant cell, than in an animal cell. It can contain water and waste products
12. This organelle can be found in both cells, but in different places. It can be described as the "control center"
13. Animal cells are usually _____ (size) than plant cells.
15. Which cell is more structurally rigid and strong?
16. What will an animal cell most likely do (Without a contractile vacuole) in a hypotonic solution that a plant cell never does since it has a cell wall?

Word Bank

Mitochondria	Cilia	Nucleolus	Starch	Centriole
Lysosomes	Burst	Plasmodesmata	Plant Cell	Center
Nucleus	Vacuole	Plastid	Chloroplasts	Plant Cell
Animal Cell	Cell Wall	Smaller	Rectangular	Animal Cell