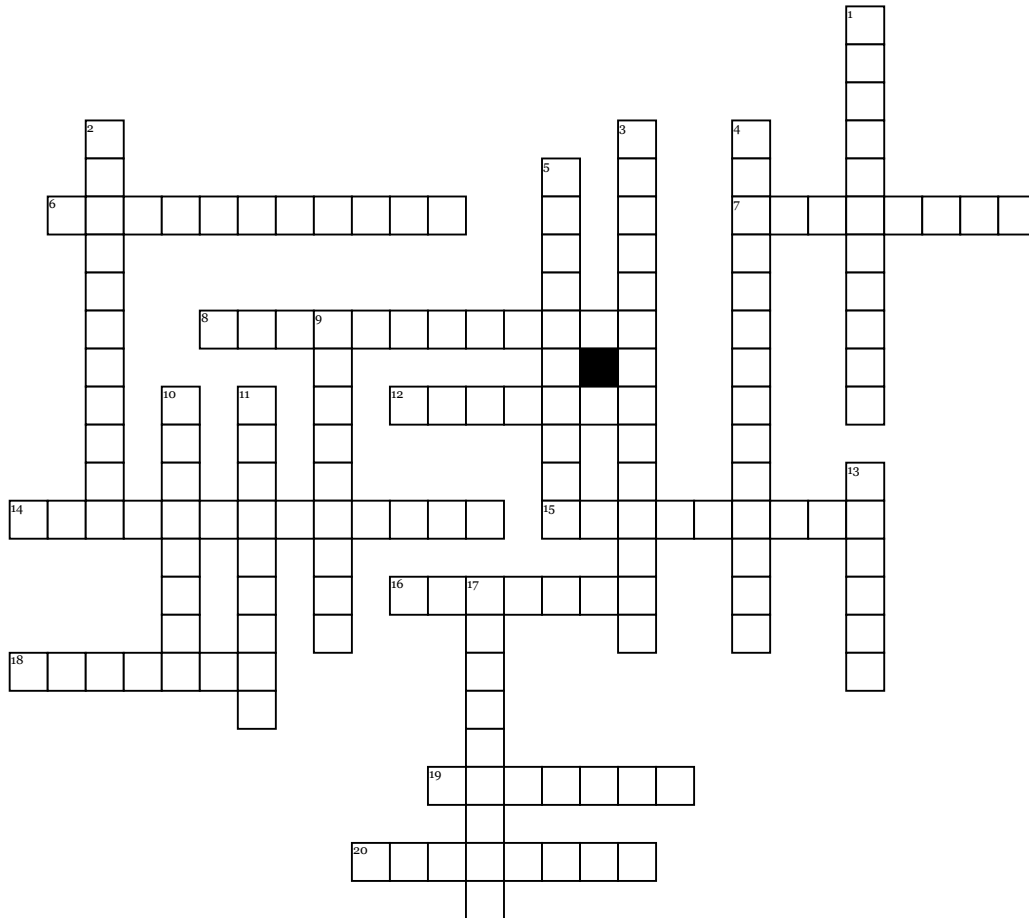


cell terms



Across

- 6.** a peptide containing 10 to more than 100 amino acids vicinity
7. an organelle found in the cytoplasm of most cells
8. an organelle containing enzymes responsible for producing energy
12. a tiny cavity filled with fluid in the cytoplasm of a cell
14. any very large complex molecule
15. the readily stainable substance of a cell nucleus consisting of DNA and RNA and various proteins; during mitotic division it condenses into chromosomes
16. a constituent (proton or neutron) of an atomic nucleus

- 18.** a part of the cell responsible for growth and reproduction
19. spread out; not concentrated in one place

20. a rigid layer of polysaccharides enclosing a plant membrane

Down

- 1.** plastid containing chlorophyll and other pigments
2. having cells that lack membrane-bound nuclei
3. a thin membrane enclosing the cytoplasm of a cell
4. a netlike structure in the cytoplasm of animal cells

5. having cells with 'good' or membrane-bound nuclei

9. a specialized part of a cell; analogous to an organ

10. a particle in a cell that helps synthesize proteins

11. the substance inside a cell, not including the nucleus

13. a complex protein produced by cells that acts as a catalyst

17. one of a pair of small cylindrical cell organelles near the nucleus in animal cells; composed of nine triplet microtubules and form the asters during mitosis

Word Bank

cytoplasm	vacuole	chromatin	polypeptide	macromolecule
ribosome	plasma membrane	enzyme	eukaryotic	nucleus
cell wall	centriole	organelle	nucleon	prokaryotic
golgi apparatus	lysosome	chloroplast	mitochondria	diffuse