

Cell Organelle Practice

Match the functions of the organelles to the names.

1. Nucleus	A. Site of cell respiration and the production of ATP/energy
2. Nucleolus	B. Stores food, water, waste, pigments, or organic compounds
3. Chromosomes	C. Controls the activities of the cell
4. Ribosomes	D. Used to direct cell division in animal cells
5. Endoplasmic Reticulum	E. Products are packaged and shipped to other destinations
6. Cytoplasm	F. Carries out protein synthesis
7. Golgi Apparatus	G. Genetic information for the cell
8. Lysosomes	H. Fluid-like substance that holds the organelles in place
9. Peroxisomes	I. Transports proteins/materials in vesicles
10. Centrioles	J. Controls what substances come into and out of the cell
11. Cilia/Flagella	K. Site of photosynthesis which is the production of glucose
12. Mitochondria	L. Breaks down hydrogen peroxide and other toxins in the cell
13. Chloroplasts	M. Appendages used for movement
14. Vacuole	N. Synthesis of ribosomes
15. Cytoskeleton	O. Membrane-enclosed sac of hydrolytic enzymes that the cell uses to digest macromolecules
16. Cell Wall	P. Structures that provide internal support for the cell
17. Cell membrane	Q. Rigid support for the cell from the outside

Match the structure of the organelles to the names

17. Nucleus	A. Has double membrane with thylakoid disks inside that contain chlorophyll
18. Nucleolus	B. Can be free or bound
19. Vacuole	C. Composed of microfilaments, intermediate filaments, and microtubules
20. Ribosomes	D. Has 3 types: food, central, and contractile
21. Endoplasmic Reticulum	E. Located in the nucleus
22. Golgi Apparatus	F. Contains digestive chemicals called enzymes
23. Cell Wall	G. Contains pores that materials move through and the into the endoplasmic reticulum
24. Lysosomes	H. Can contain both a primary and secondary wall
25. Peroxisomes	I. Has a cis and trans face for receiving and shipping
26. Chloroplasts	J. Has a smooth and rough version and inner fluid sacs called cisternae
27. Cytoskeleton	K. Contains double membrane; inner folds called cristae
28. Mitochondria	L. Small sac of enzymes that did not bud from the endomembrane system