

Cell Structure Exercise:				
Match the cell structure in first column with its function/description in last column. Check if it is found in a plant, animal, or both.				
	Structure	Animal Cell?	Plant Cell?	Function/Description
1. _____	Cell or plasma membrane			A. Organelle that functions in photosynthesis
2. _____	Mitochondrion			B. Packages/distributes proteins/sugars and other chemical products for use in or out of cell
3. _____	Ribosome			C. Contains RNA and ribosomal building blocks
4. _____	Endoplasmic Reticulum-ER			D. Holds organelles, organic molecules, ions
5. _____	Golgi Apparatus			E. Powerhouse of cell - functions in cellular respiration
6. _____	Nucleus			F. A series of channels throughout cell on and through which lipids and proteins are produced and transported
7. _____	Cell Wall			G. Digests and recycles worn out parts for re-use by cell
8. _____	Lysosome			H. A small single membraned non-organelle, produces proteins
9. _____	Central Vacuole			I. Gives shape and structure to plant cells, contains cellulose
10. _____	Centriole			J. Holds cell sap, mostly water, creates turgor, 90+% cell volume
11. _____	Cytoplasm			K. Contains DNA and directs cell activities
12. _____	Chloroplast			L. Phospholipid/protein boundary of cell which regulates what enters and leaves the cell
13. _____	Nucleolus			M. Microtubules that are active in cell division