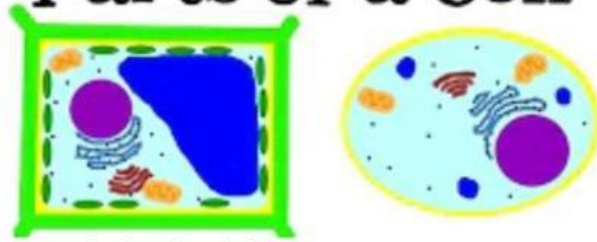


Parts of a Cell



Fill in the missing words in the right spaces.

General Structure of the Cell:

- 1) All plant cells and animal cells are surrounded by a _____, which is a thin, flexible layer that separates the inside of the cell from the outside of the cell.
- 2) Plant cells have an extra layer called the _____ that surrounds the _____.
- 3) Inside the _____, cells have smaller parts called _____, which are like tiny organs that each do specific jobs inside the cell.
- 4) All of the _____ are held in a special gel called _____.

Major Organelles:

- 5) The _____ is the control centre of the cell, which acts kind of like the brain, and contains the DNA of the cell.
- 6) _____ are basically storage tanks, to hold water or other materials that the cell needs.
- 7) A plant cell usually has one large _____, whereas animal cells may have several smaller ones, called _____.
- 8) _____ are the “powerhouses” of the cell – they take food and convert it into energy that the cell can use.
- 9) _____ are shaped like tiny balls and make things the cell needs, like proteins.
- 10) _____, or ER, is the “cellular highway”, acting as a transportation network that takes molecules where they need to go.
- 11) The ER takes proteins to the _____, which acts as a “post office”, checking proteins for flaws, packaging them up, and sending them where they need to go.
- 12) _____ are found only in plant cells, and contain chlorophyll, the substance that allows plants to carry out photosynthesis.

cytoplasm	ribosomes	organelles	organelles	nucleus	membrane
vacuole	cell membrane	cell membrane	cell wall	endoplasmic reticulum	
chloroplasts	mitochondria	vacuoles	vesicles	Golgi apparatus	