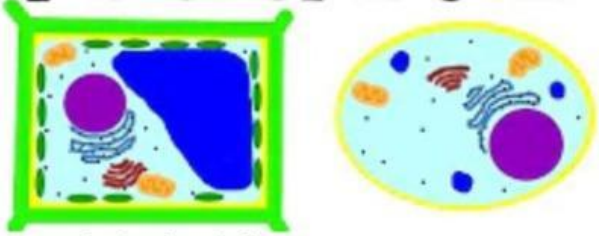
Parts of a Cell



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 | cell wall | endoplasmic reticulum | vacuole | cell membrane | cell membrane | chloroplasts | mitochondria | vacuoles | vesicles | Golgi apparatus

LIVEWORKSHEETS