

1. Cells are tiny building blocks, compared to the _____ that form a house.
2. The cell's control center or brain is the _____, which holds the cell's instructions.
3. The Endoplasmic Reticulum (ER) is like a _____ because it helps move things around inside the cell.
4. Mitochondria are like tiny _____ because they turn food into energy that the cell can use.
5. The _____ is the jelly filling inside the cell that holds all the other parts together.
6. The Vacuole is like a _____ because it holds water, nutrients, and waste.
7. The Cell Membrane acts like a protective _____ to control what goes in and out of the cell.
8. Plant cells have a rigid wall made of a woody substance called _____.
9. The main types of cells mentioned in the text are plant cells and _____ cells.
10. The _____ is the part that packages and sends out proteins and other materials from the cell.

11. **Questions**

12. What is the term for the smaller parts inside a cell, just like rooms in a house?
13. Where in the plant cell does the process of photosynthesis (making food using sunlight) take place?
14. What specific structure holds the cells' instructions, telling it what to do and how to grow?
15. Why is the Cell Wall important for a plant to grow tall?
16. What is the key difference mentioned in the text between simpler organisms (like bacteria) and plant/animal cells?