

1. When two atoms share one or more pairs of electrons, they have become linked through what kind of bond?

2. a. What are the molecular subunits (monomers) that make up proteins?
b. Why does the order of these subunits matter in proteins?

3. Two major groups of cells are prokaryotic cells and _____ cells.

4. A defining characteristic of lipids is that they:

5. Give two examples of steroids that are found in everyone's body. 2pts

6. Four important varieties of complex carbohydrates / polysaccharides are: 2pts
_____, which serves as a carbohydrate storage molecule in plants;
_____, which serves as a carbohydrate storage molecule in animal cells;
_____, which makes up structural portions of plant stems and leaves; and
_____, which forms the external skeleton of all arthropods.

7. The nucleus, cell wall, and plasma membrane are three common cell structures. Please name two more cell structures or organelles.