

Name _____ Period _____ Date/Day _____

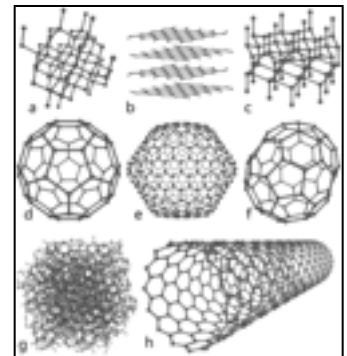
MacroMolecules 1 - from **Carbon** to **Proteins**

Atoms / Elements

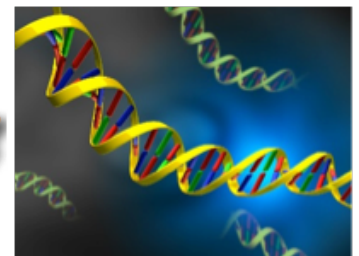
- Matter is anything that has _____ or _____.
- Atoms are the _____ bits of _____.

What's so special about Carbon?

- Carbon can form up to _____ bonds with other elements.
- Carbon can form _____, _____, and millions of other complex structures.
- Nearly all _____ found in _____ are carbon based.



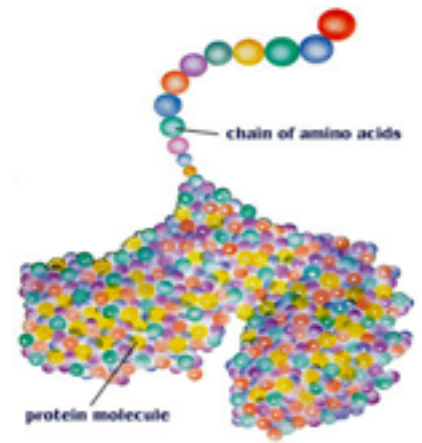
Carbon Compounds in Living Things:



Proteins

Proteins

- Proteins are organic compounds made of building blocks called _____.
- There are _____ amino acids found in nature.



Protein Functions

- Provide _____ (cell, bone, connective, and muscle)
- Transport _____ in the blood (hemoglobin)
- Send _____ (hormones)
- _____ (antibodies)
- Regulate cell processes
- _____ in and out of cells.
- _____ (**enzymes**).

