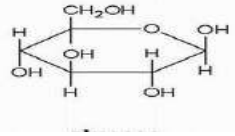
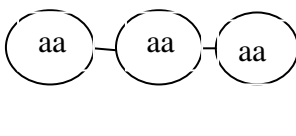
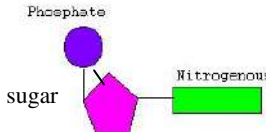
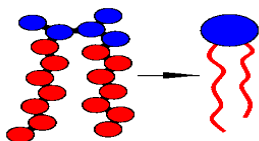


Color code each box according to the macromolecule.

| Carbohydrate (Green) | Lipid (Yellow) | Protein (Red) | Nucleic Acid (Blue) |
|--|---|--|---|
| Nucleotides | Made of carbon, hydrogen, oxygen, nitrogen, and sulfur atoms | Made up of glycerol and three fatty acid chains | Waxes, oils |
| Used to do much of the work in cells (i.e. active transport) | Made of C, P, O, H atoms | Polysaccharides | 1 st source of energy used in cells |
| Organic | Glucose, fructose, and galactose | Are used for long term energy storage in the body | Structural support in cell walls of plants |
| Made of C, H, O atoms | Enzymes | Steroids | Examples: M: glucose P: starch |
| RNA | Phospholipids | Glycogen | Amino Acids |
| Can be used for movement within a cell | Are hydrophobic | Peptide Bonds | DNA |
| Carries Hereditary Information |  |  |  |
|  | Contains phosphorus | Insoluble in water | These store the most energy of all macromolecules gram for gram. |
| Contains Nitrogen | | | |