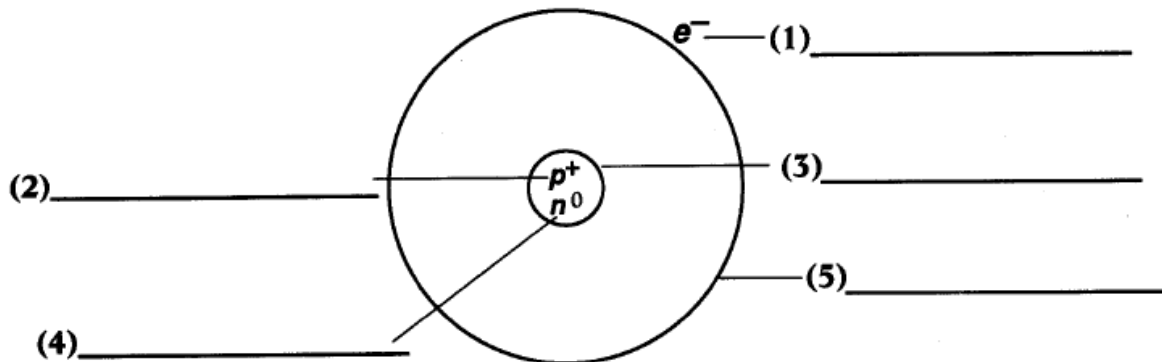


Matter and Molecules – Chapter 3

Key Vocabulary	Assignments
Atom	
Atomic Mass	1. Read 56 to 60 due:
Atomic Number	Then answer question #1 on page 69
Bond	
Carbohydrate	
Carbon	2. Read 61 to 64 due:
Compound	Then answer question #2 on page 69
Covalent bond	
Electron	
Element	3. Read 70 to 73 and then 76 to 77 due:
Glucose	Then answer question #1 and 3 on page 77
Hydrogen	
Inorganic compound	
Ionic bond	Optional Assignment: (5 points) Find five polymers that you encounter in your daily life. Lookup the chemical structure of the polymer and draw its chemical structure.
Lipids	
Matter	
Monomer	
Neutron	
Nitrogen	
Nucleic acids	
Organic compound	
Oxygen	
Polymer	
Protein	
Proton	

Label the parts of the atom. Use these choices:

energy level electron neutron proton nucleus



Determine if the statement is true.

If it is not, rewrite the italicized term to make it true.

NaCl has a(n) covalent bond. _____

H₂O is made up of molecules. _____

HCl has a(n) ionic bond. _____

Na⁺ is a(n) molecule. _____

Salt water is a(n) compound. _____

Water will dissolve sugar. _____

15. Identify the structural formula. Use these choices: *amino acid* *maltose* *glucose*

