Name:	Period:	Dat	e:	
Ms. Randall Anatomy a Unit 2 Review Guide - Bi	ı Gı			
1. Define and use the follo	wing terms:			
• Atom		•	monomer	

- carbohydrate
- catalyst
- reaction
- covalent bond
- electron
- enzyme
- hydrogen bond
- lipid

- neutron
- nucleic acid
- organic
- polar molecule
- polymer
- protein
- proton
- substrate
- 2. List the parts of an *atom* and their charges
- 3. Describe the processes which allow *monomers* to be joined to form *polymers* as well as polymers to be broken down into monomers.
- 4. Compare and contrast the structure and function of *carbohydrates*, *lipids*, *proteins*, and *nucleic acids*
- 5. Describe the function of *enzymes* and give an example of an enzymatic reaction in a living thing
- 6. Describe the structure and properties of a water molecule, including its *polarity*
- 7. Describe how the properties of water allow life on earth to be supported.
- 8. Describe the difference between metabolic and respiratory acidosis/alkalosis and an example of each.
- 9. Define and apply the pH scale.