Biochemistry Intro Questions

Biology

1. Define each of the following terms and explain the differences between terms in the same row:

| The smallest possible piece of a pure substance | Molecule Two or more atoms locked together | Difference: Atoms are the building blocks of mule rules |
|---|---|--|
| Covalent Bond Albas ar compounds Stuck together became they are "sharing" elections | Ionic Bond Albus or compounds Stuck together became they have apposite Cleetrical charges | Difference: Much easier to break/reform imil bonds |
| Molecular Compound Grups of atoms Shuck together with Covalent bonds | Stuck toakther with lonic bonds | Difference: ONIC COMPANDS COMPAND |
| Moleules made from amino acids | A specific protein that regulates chemical reactions | Difference: Some procins are enzymes but not all (some are structural) |
| A molewle that has a H atom that it wants to get rid of | A Molewle that really could use a H | · Complementary · Because they are reaching they are |
| A molecule made from Muno sacha Midesc | A molecule made from glycerol and fatty acids | Difference: Carbohydrats arc Used for short-tam Chery; fots are used for long-term energy |