**Notes: What are Proteins?**

**(Introduction to Outcome 7)**

**Biology 12 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_**

**Directions:** Watch the video linked on the online classroom or google “What are Proteins – Fuse School”.

**Amino Acid Structure**

There are \_\_\_\_\_\_ different amino acids that all \_\_\_\_\_\_\_\_\_\_\_\_\_\_ are made of.

The variation in proteins is caused by the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of amino acids, chain \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and by \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ the chain in distinct ways.

**Is specific to each amino acid**

* About \_\_\_\_\_\_\_\_\_% of your diet should be protein. Some examples of where we find proteins in our diet are:
* The proteins we eat are too \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to leave the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ intestine and go to the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. Instead \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ in our digestive system break down proteins into \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ which are small enough to move into the bloodstream.
* The amino acids are then built back up into \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ where they are used in a variety of ways.

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