



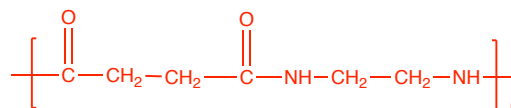
1 What is the difference in the way addition polymers and condensation polymers are formed?

**addition polymers: the polymer is the only product**

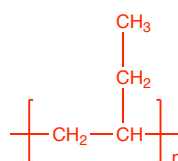
**condensation polymers: water (or another small molecule) is formed as well as the polymer**

2 Draw the structure of the polymer formed from these monomers:

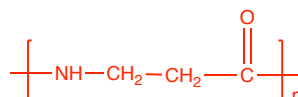
a 1,2-diaminoethane and butane-1,4-dioic acid



b but-1-ene



c 3-aminopropanoic acid



3 Draw the structure of and name the monomers from which these polymers are made.

