

monomer: each subunit of a complete molecule

Polymer: a large molecule made up of many monomers.

macromolecule

elements	monomer	Polymer	function	examples
carbohydrates	monosaccharide 1 sugar	Polysaccharide many sugar	- provide energy - structural support	sugar starch

plants provide us with carbohydrates through the process of photosynthesis (convert sunlight, $CO_2 + H_2O \rightarrow$ sugar)

sugars end in "ose"

monomer: monosaccharide
"simple sugar"
ex: glucose $C_6H_{12}O_6$
sugars have a ring structure

polymer: polysaccharide
"complex carbs"

