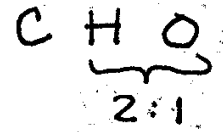
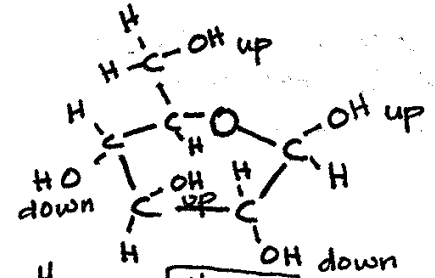
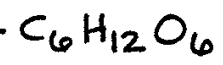


2 → many shapes → POLYMER
 → one shape → MONOMERS

POLYMER	MONOMERS	example w/ drawing	elements present?
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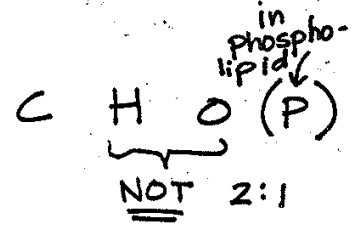
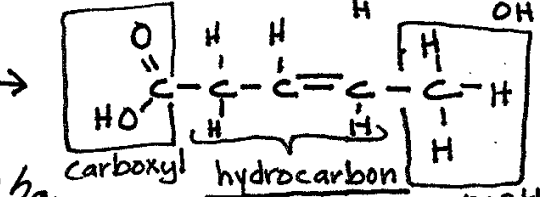
① Carbohydrates

↳ polysaccharides
 • starch → glucose
 • glycogen → glucose
 • chitin → glucose



② Lipids

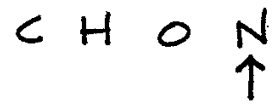
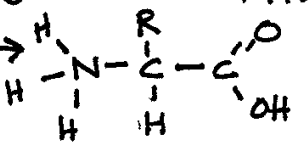
↳ phospholipid } made w/ fatty acids
 ↳ triglycerides }
 ↳ ~~cholesterol~~ sterols
 ↳ waxes



have 4 ring structure
 ↳ sat or unsat
 ↳ cis →
 ↳ trans →

③ proteins

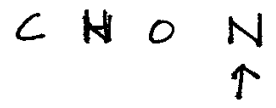
↳ polypeptide → a.a.



④ nucleic acids

↳ DNA
 ↳ RNA

NOT A FOCUS ON THIS TEST



2

many sh
POLYMER

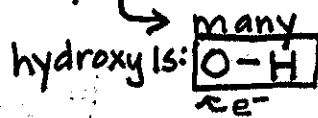
characteristics

uses

① Carbohydrates

- ↳ polysaccharides
 - starch
 - glycogen
 - chitin

• water soluble
b/c they are
polar



- short to medium energy storage
- structure

② Lipids

- ↳ phospholipid
- ↳ triglyceride
- ↳ ~~cholesterol~~ steroid
- ↳ waxes

↳ fatty acids connected to glycerol

- cell membrane
- long term energy

③ proteins

- ↳ polypeptide

④ nucleic acids

- ↳ DNA
- ↳ RNA