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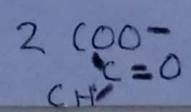
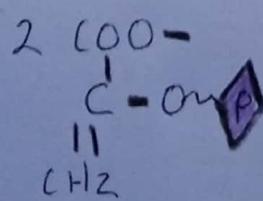
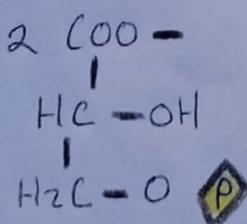
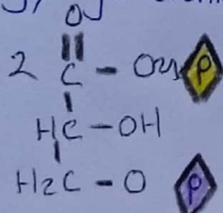
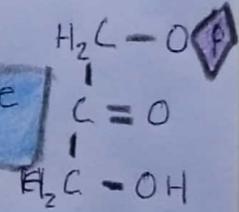
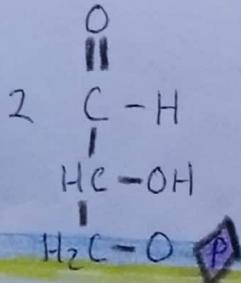
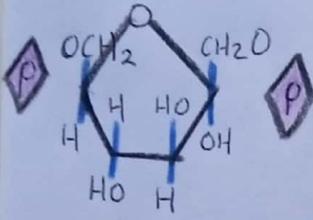
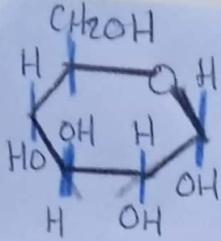
**Nombre del trabajo: Glucolisis**

**Materia: Bioquímica**

**Grado: 1°**

**Grupo: Licenciatura en Medicina Veterinaria y Zootecnia**

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Glucose

Fructose 1,6-bisphosphate

Glyceraldehyde 3-phosphate

Dihydroxyacetone phosphate

1,3-Bisphosphoglycerate

3-Phosphoglycerate

Phosphoenolpyruvate

Pyruvate

Reactions ①-③  
Activation by phosphorylation 2 ATPs inverted

Reactions ④ and ⑤  
Cleavage of 1 six-carbon sugar phosphate to 2 three-sugar phosphates.

Reaction ⑥  
Generation of 2 NADH and a super-high-energy compound

Reaction ⑦  
substrate-level phosphorylation 2 ATPs generated

Reactions ⑧ and ⑨  
Generation of a super-high-energy compound (and water)

Reaction ⑩  
substrate-level phosphorylation 2 ATPs generated

Energy generation Phase

