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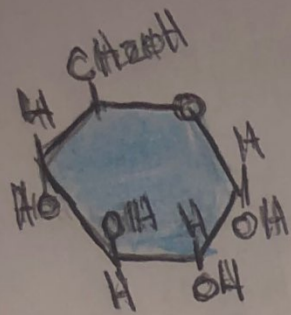
Nombre del trabajo: Glucolisis

Materia: Bioquimica I

Grado: 1°

Grupo: Medicina veterinaria y zootecnia

Ocosingo, Chiapas 03 de diciembre de 2023



Glucose

Reactions ①-③
Activation by phosphorylation 2 ATP invested.

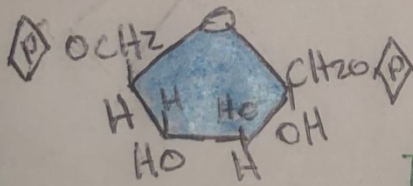
①



②



③



Fructose-1,6-bisphosphate

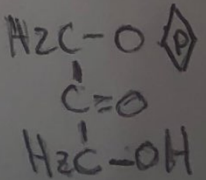
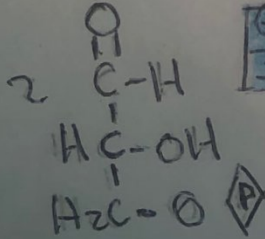
Reaction ④ and ⑤
Cleavage of 1 six-carbon sugar phosphate to 2 three-carbon phosphates

④

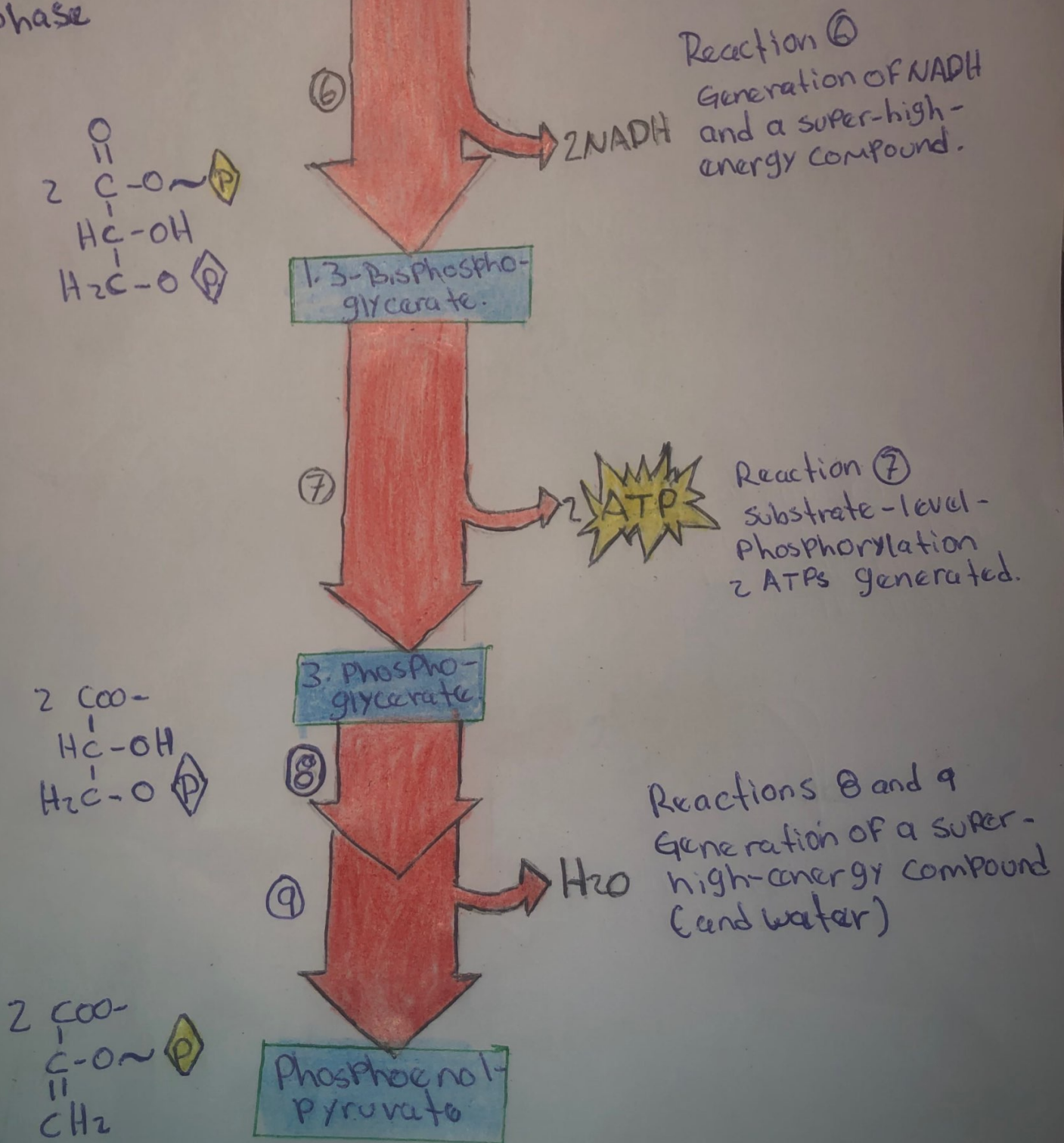
⑤

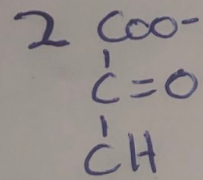
Glyceraldehyde 3-Phosphate

Dihydroxyacetone Phosphate



Energy Generation Phase





10

Pyruvate



Reaction ⑩
substrate-level
phosphorylation
2 ATPs generated.