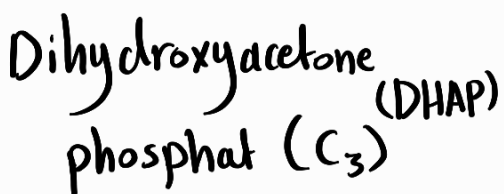
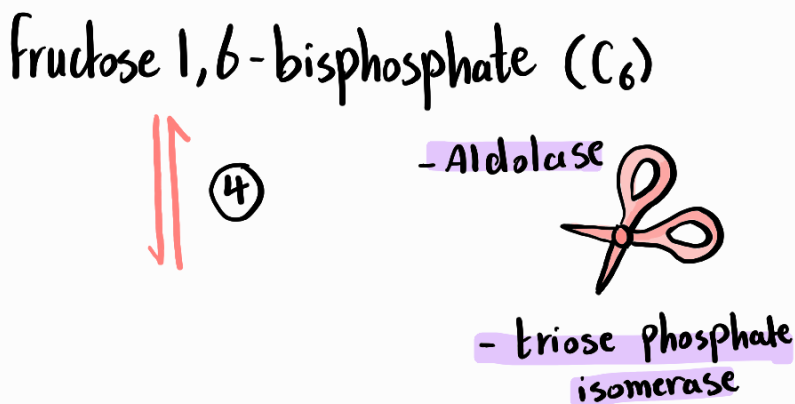
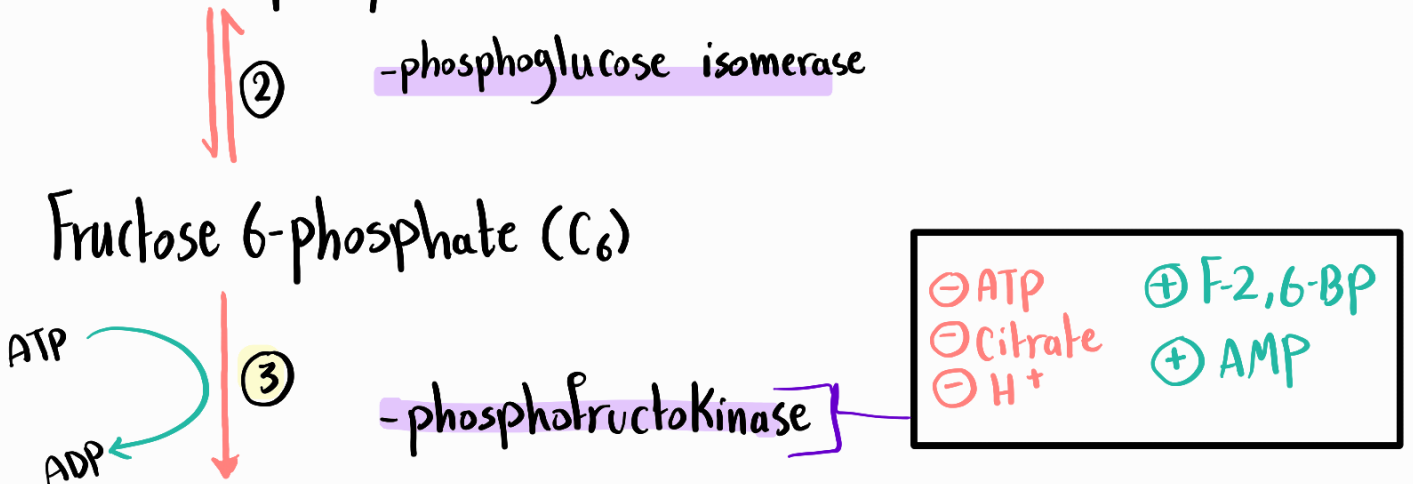
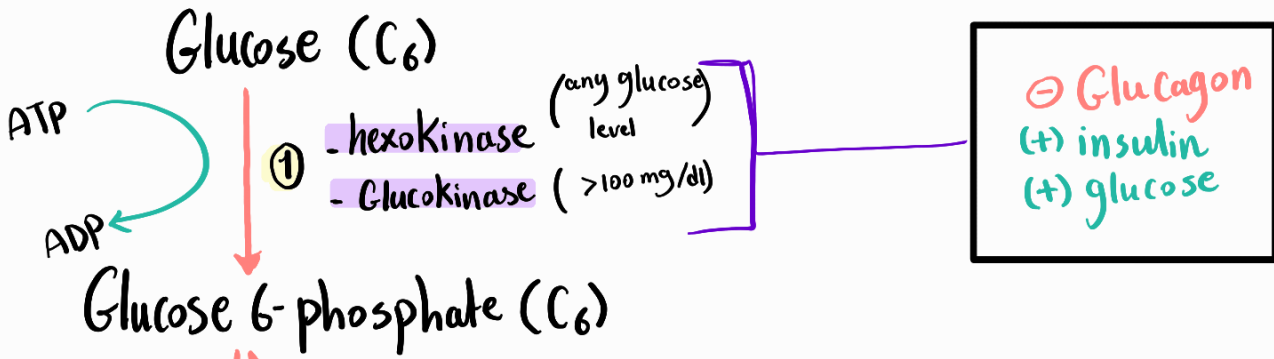
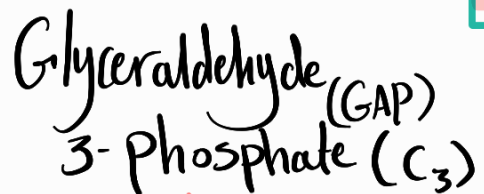


# Glycolysis

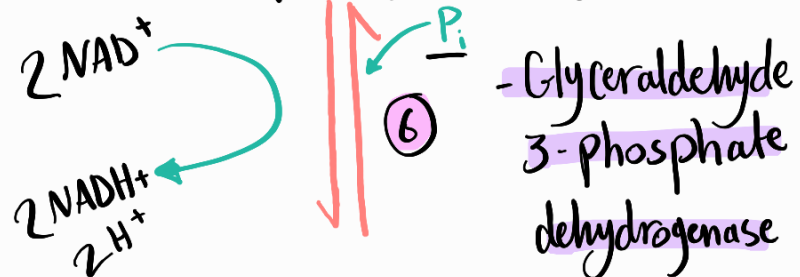
enzyme



⑤ +



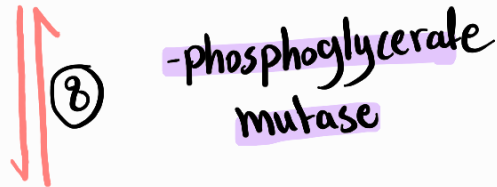
x2



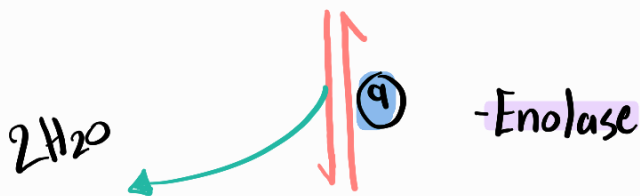
1,3-Bisphosphoglycerate  
(1,3-BPG) (C<sub>3</sub>)



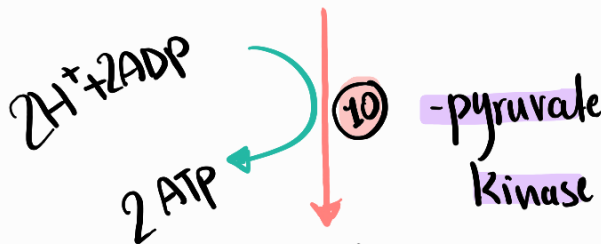
3-phosphoglycerate (C<sub>3</sub>)



2-phosphoglycerate (C<sub>3</sub>)



phosphoenolpyruvate (C<sub>3</sub>)



pyruvate (C<sub>3</sub>)

⊖ ATP	⊕ F-1,6-BP
⊖ Alanine	⊕ insulin
⊖ glucagon	

Net energ :- 2 ATP , 2 NADH

- 1 + 3 → each one uses 1 ATP
- 6 → produces 2 NADH
- 9 → produces 2 H<sub>2</sub>O
- 7 + 10 → each one produces 2 ATP

# pyruvate Fates

