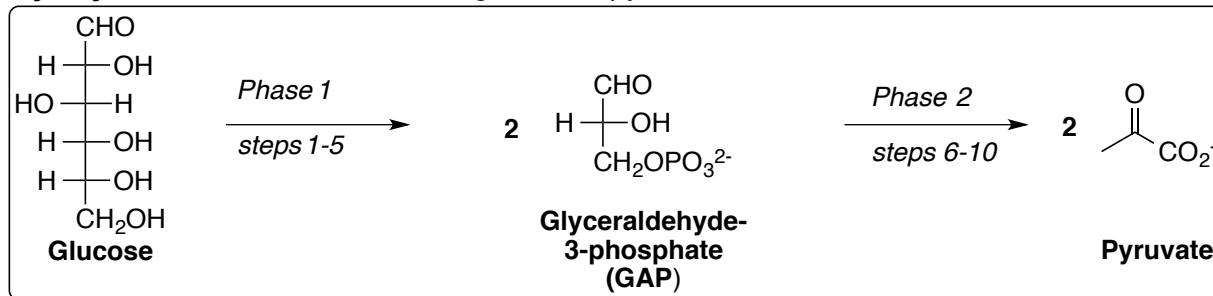


LECTURE OUTLINE

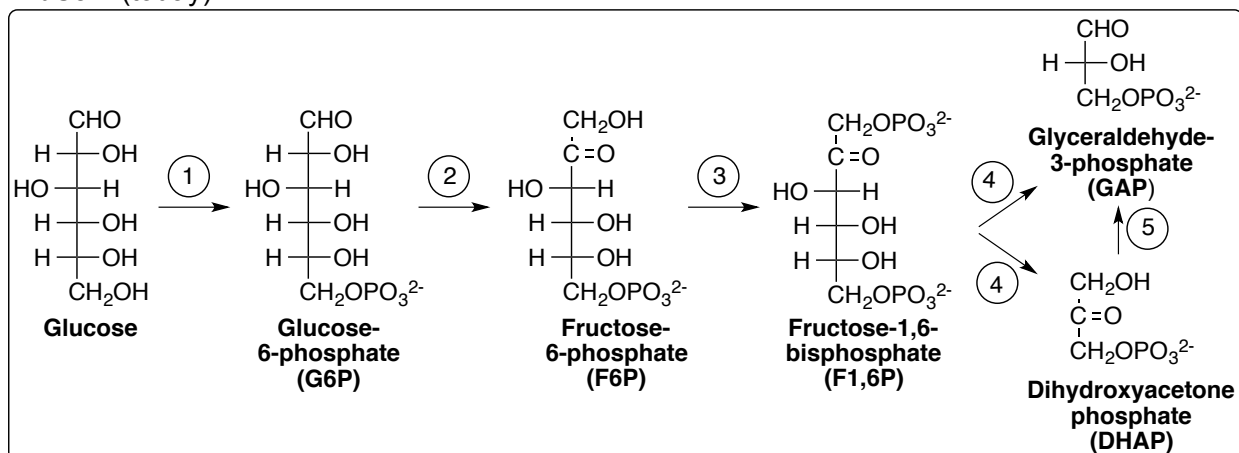
Glycolysis

- Examples of active sites – types of binding, roles of co-factors & AA residues

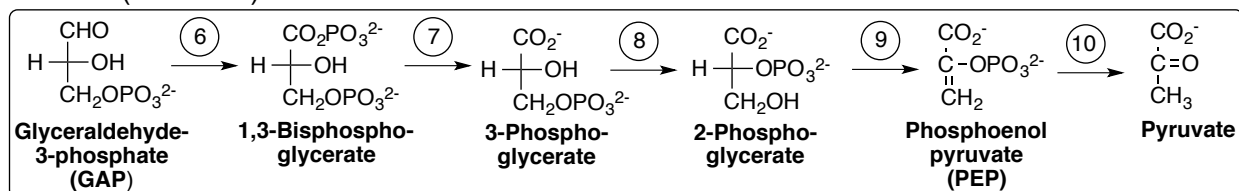
Glycolysis - Know the structures of glucose & pyruvate.

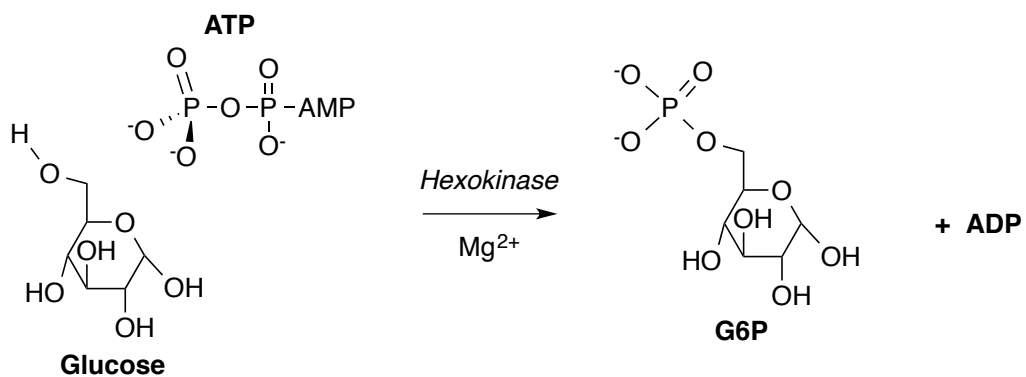
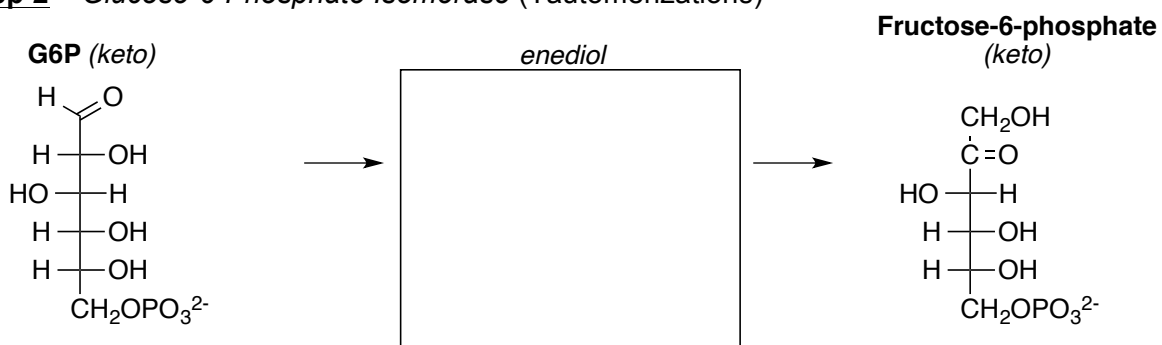
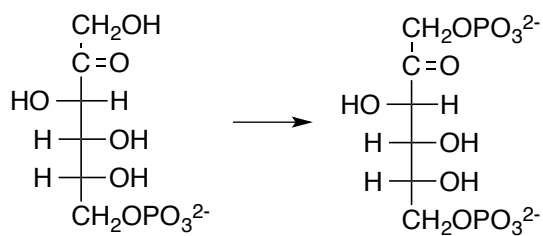


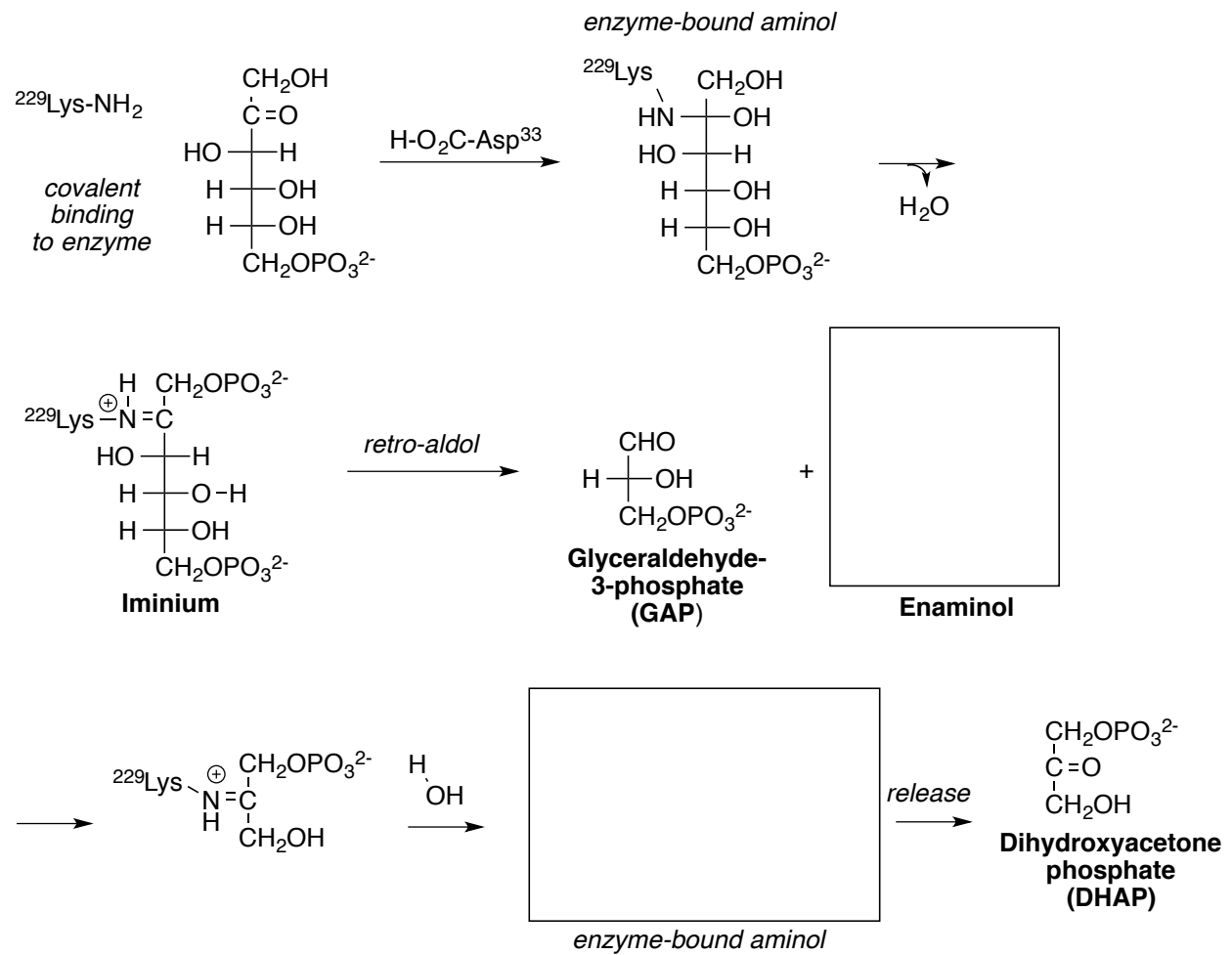
Phase 1 (today)



Phase 2 (next time)



Step 1 – Hexokinase active site**Step 2** – Glucose-6-Phosphate Isomerase (Tautomerizations)**Step 3** – Phosphofructokinase (nearly identical to step 1 - try on your own)

Step 4 – Aldolase (see HW #1.10 for simpler version)**Step 5** – Triose Phosphate Isomerase

Next time...Phase 2 – Profit!