

# Glycolysis

Glycolysis =

glucose  $\rightarrow \rightarrow \rightarrow \rightarrow \rightarrow$  pyruvate

Occurs in the

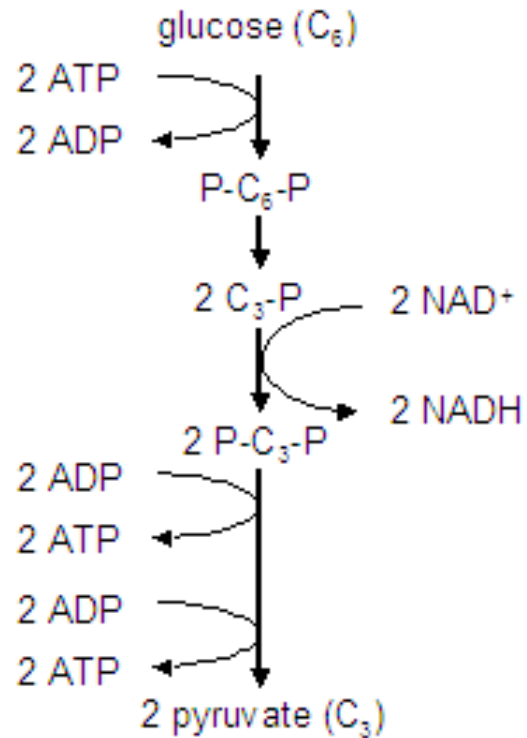
Old School:

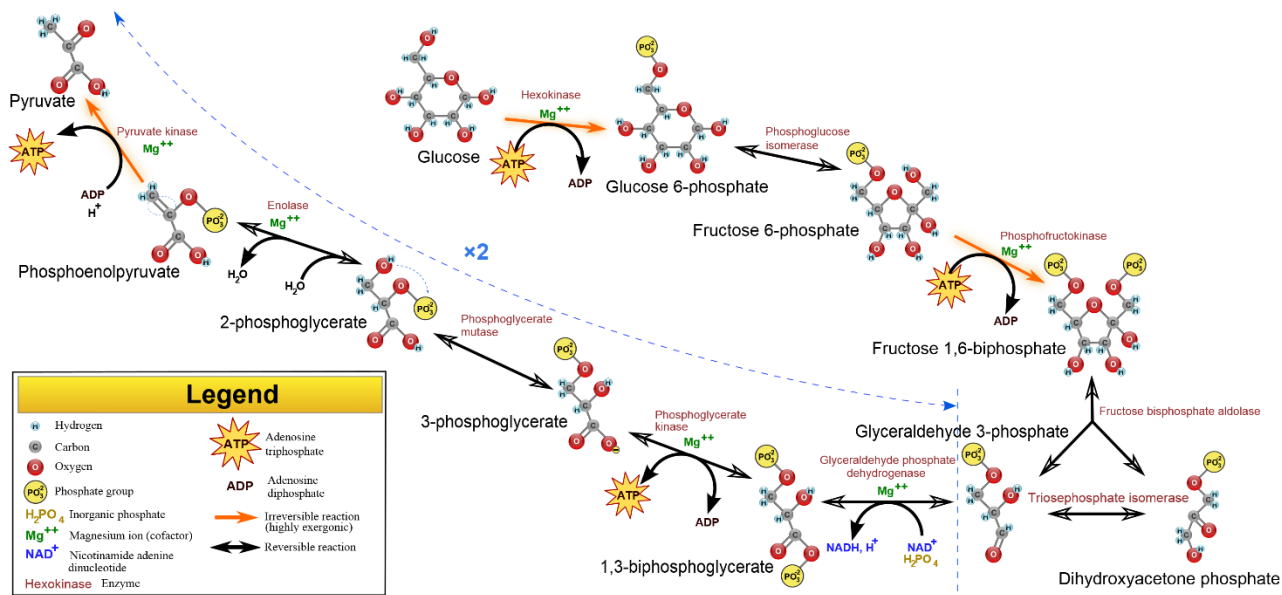
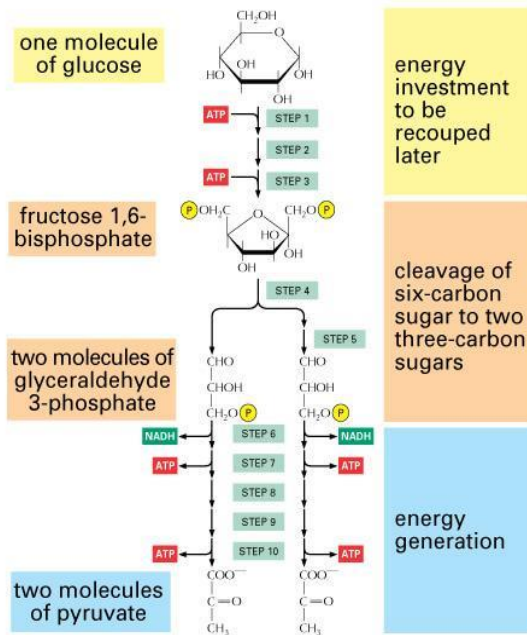
Inefficient:

Prokaryotes

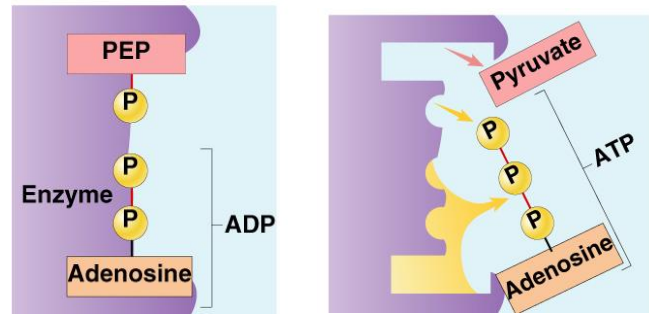
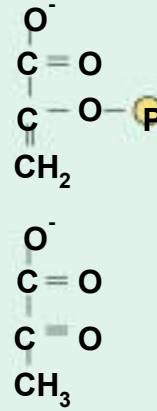
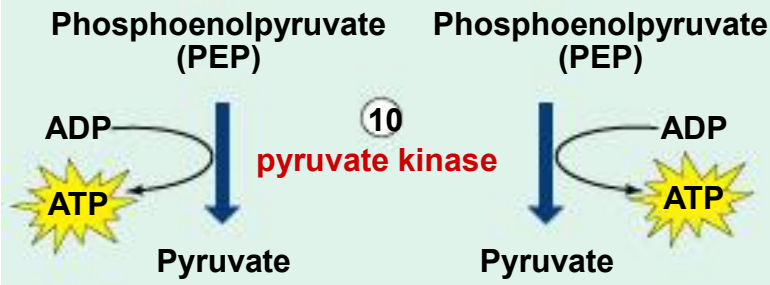
Anaerobic atmosphere

The Overview





## SUBSTRATE LEVEL PHOSPHORYLATION

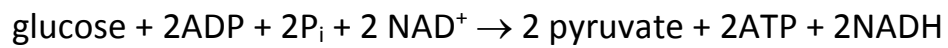


Energy Accounting of Glycolysis

Net gain =

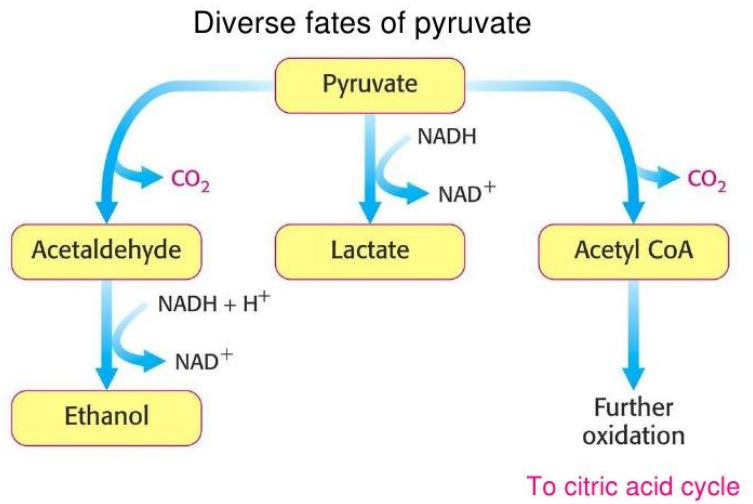
Glucose  $\rightarrow \rightarrow \rightarrow \rightarrow \rightarrow \rightarrow$  pyruvate

Ancient history



Going to run out of

Recycling:



Fermentation

