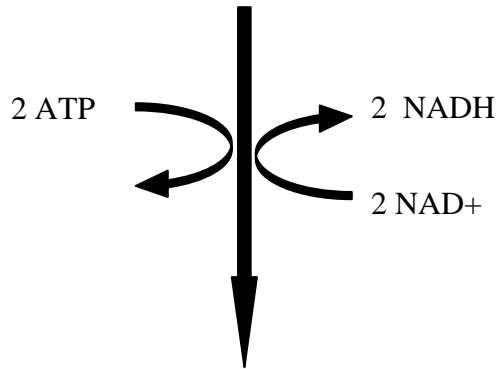


# Glycolysis

Cytoplasm

Glucose (6C)



2 Pyruvic acid (3C)

+

4 ATP

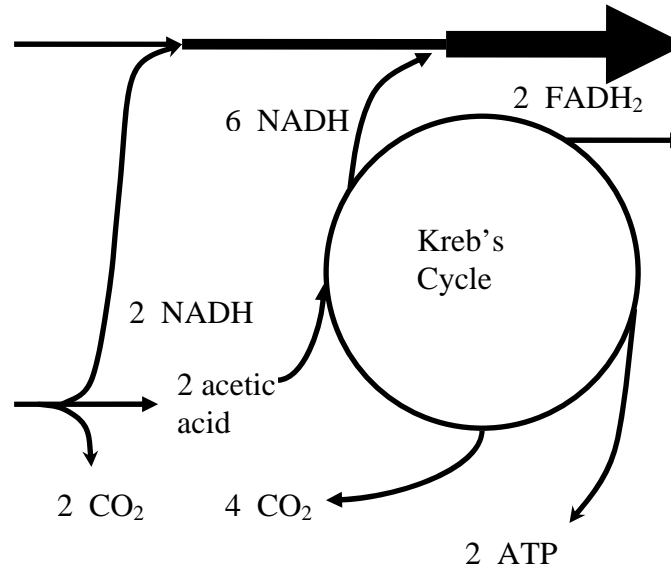
Bottom Line

---

2 ATP net

# With Oxygen

Mitochondria



Bottom Line

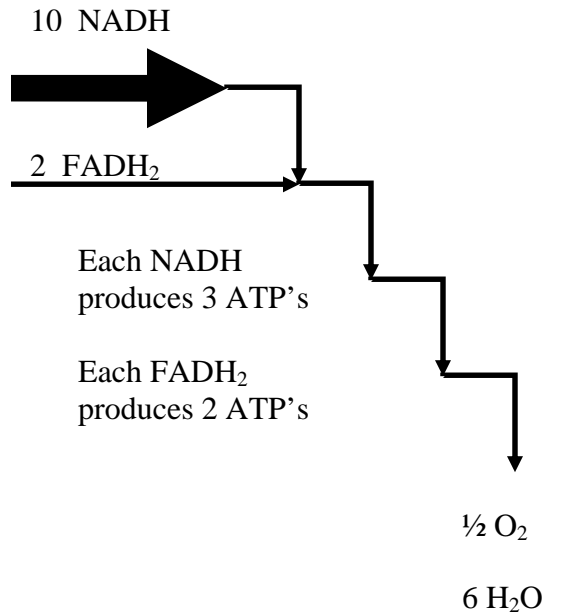
---

2 ATP net

# With Oxygen

Electron Transport

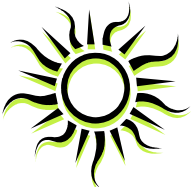
Mitochondria inner membrane



Bottom Line

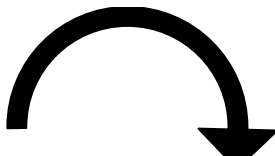
---

34 ATP possible



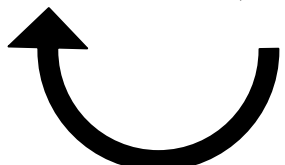
Photosynthesis  
(chloroplasts)

Glucose  
 $O_2$



Cellular  
Respiration  
(Mitochondria)

$CO_2$   
 $H_2O$



ATP  
and  
Heat