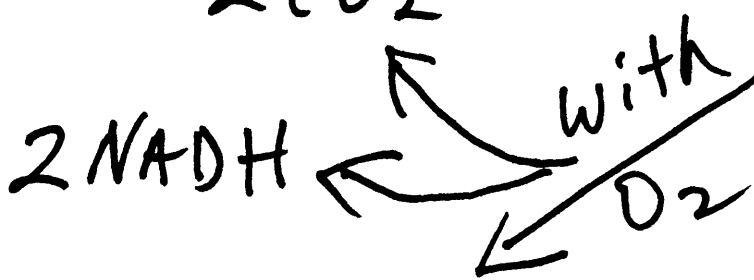


2CO_2
Pyruvic Acid



2(2-C)
Acetic Acid
+ Coenzyme A

↓
Acetyl CoA

2-C



6-C
Citric Acid

→ CO₂

→ NADH

↓
5-C

→ CO₂
→ NADH
→ ATP

4-C
Oxaloacetic acid

Joins
Krebs's
Cycle

← NADH

4-C

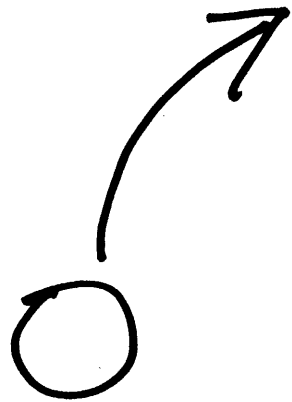
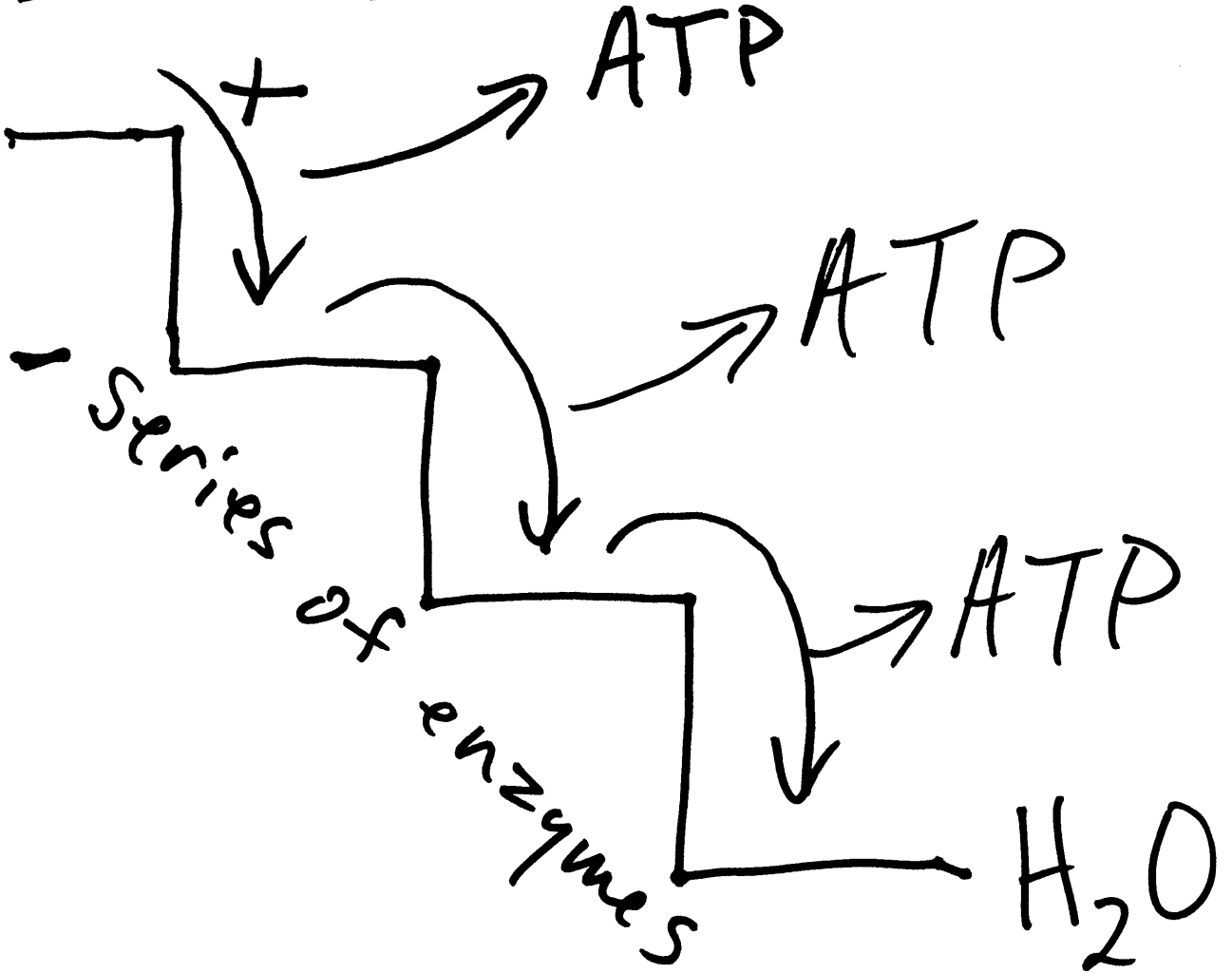
4-C

← FADH₂

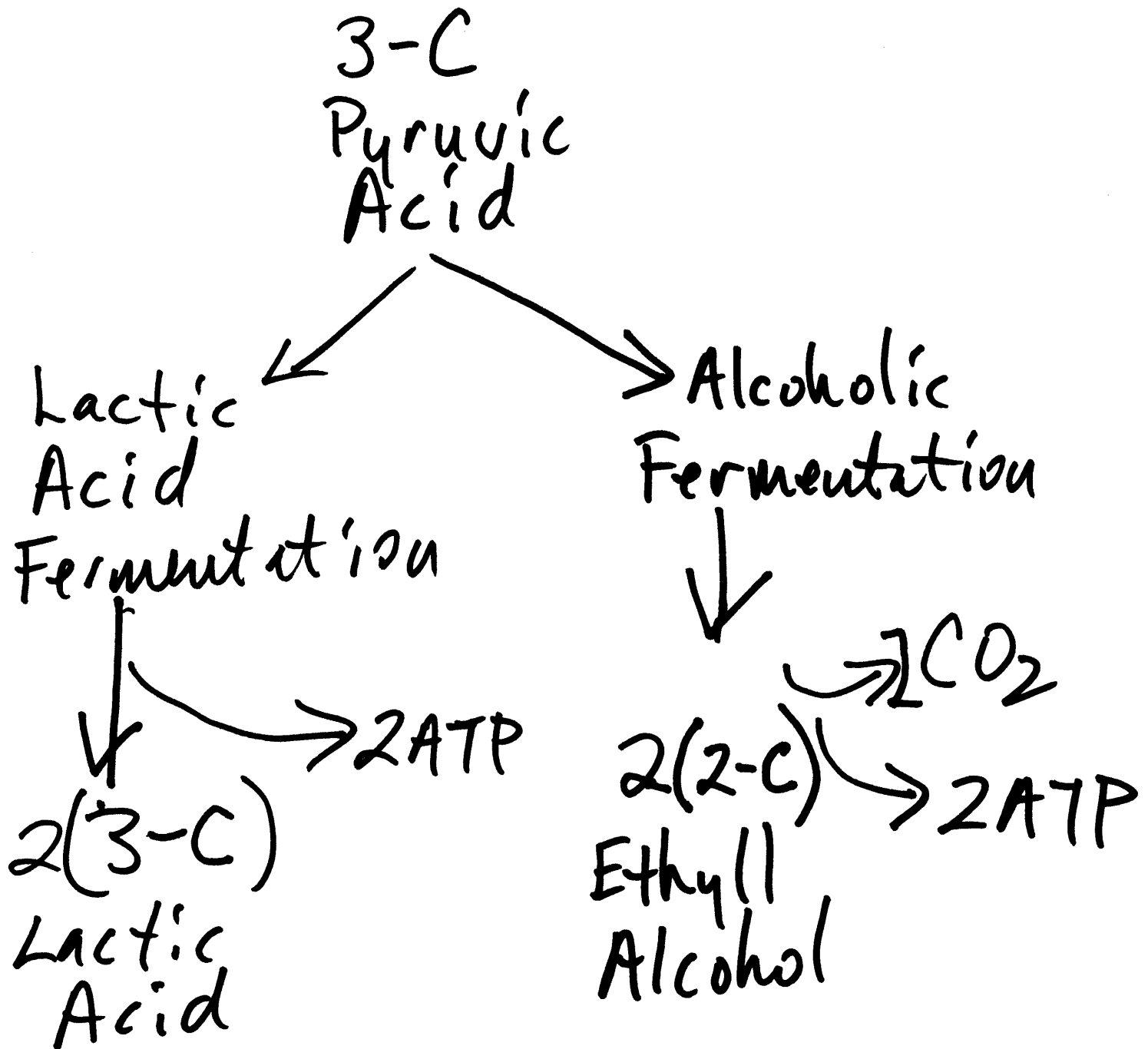
Electron Transport Chain

NADH

→ H



Fermentation



	Cytosol	Mito Matrix	Elec. Transport	Total
Glycolysis	2 ATP 2 NADH		→ 6 ATP	2 ATP → 6 ATP
Respiration	Pyruvic + 3 Acetyl CoA	2 NADH	→ 6 ATP	→ 6 ATP
	Krebs Cycle	2 ATP 6 NADH 2 FADH ₂		→ 2 ATP → 18 ATP → 4 ATP
			Total	38 ATP