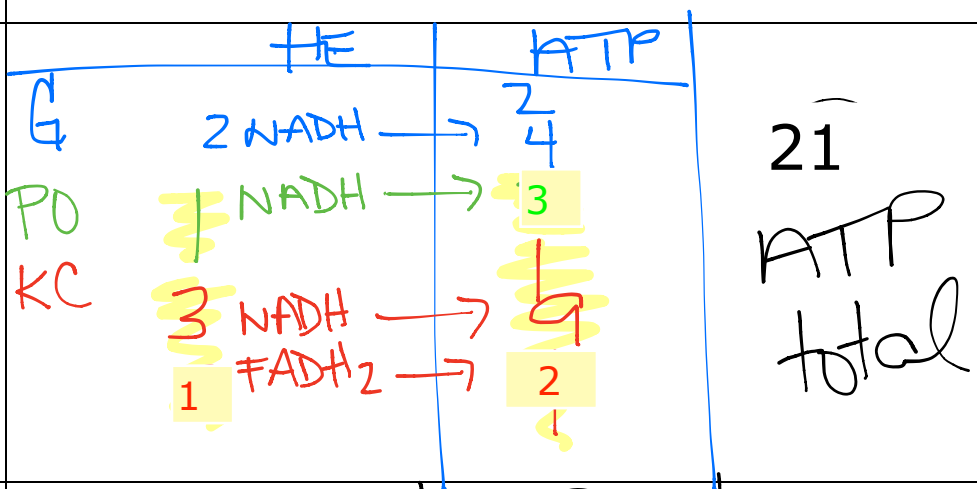
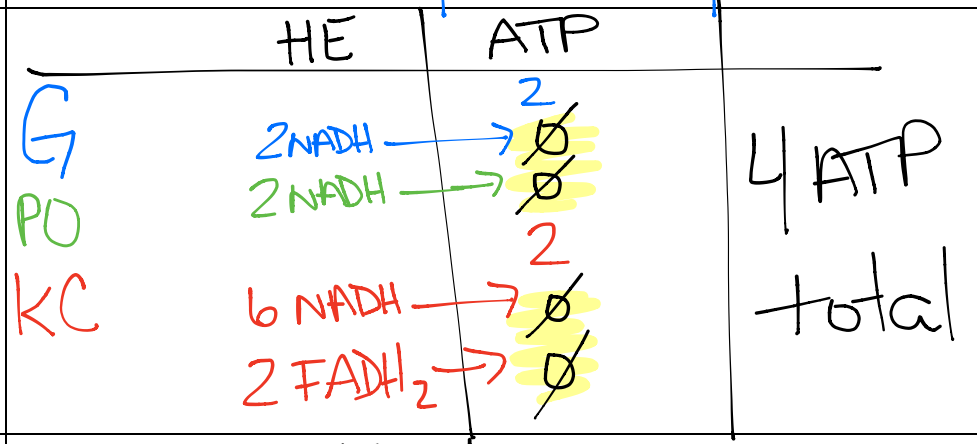
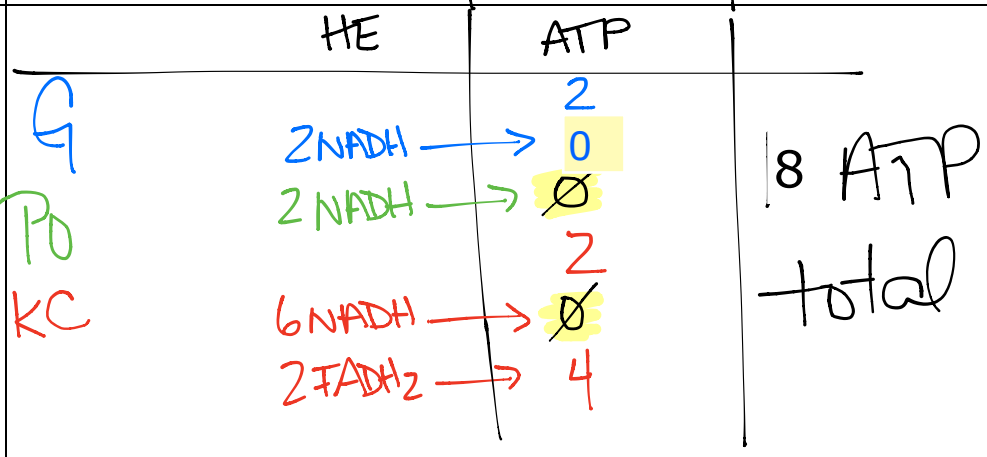
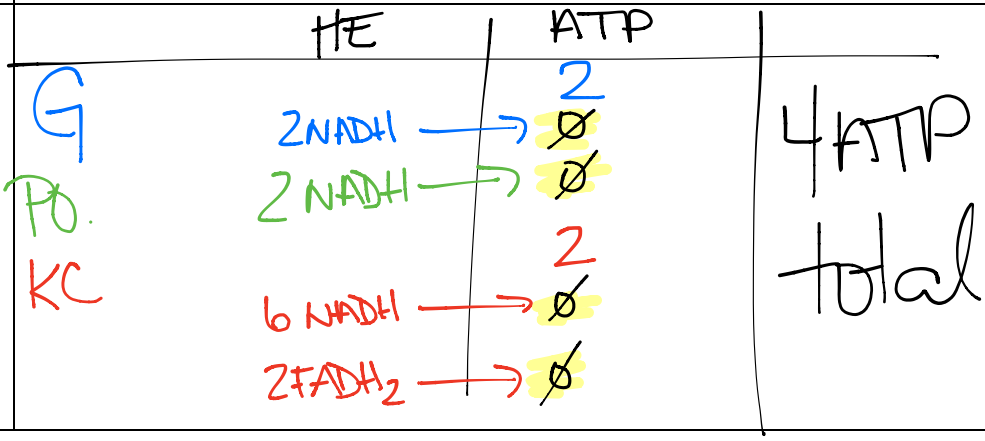
What If Scenarios….ATP Production

	Situation	Response
1	After glycolysis, only 1 molecule of pyruvate enters the mitochondrial matrix. Assume one glucose enters glycolysis.	
2	The inner mitochondrial membrane is disrupted such that it no longer controls what enters/exits the matrix. Assume one glucose enters glycolysis.	
3	NADH dehydrogenase is removed from the ETC. Assume one glucose enters glycolysis.	
4	Cytochrome oxidase complex is removed form the ETC. Assume one glucose enters glycolysis.