

SI Session 17
11/05

True or False

- FAD stands for flavin alanine diphosphate.
 - If not, what does it stand for?

- The deficiency of Riboflavin results in pellagra.
 - If not, what is the deficiency of riboflavin?

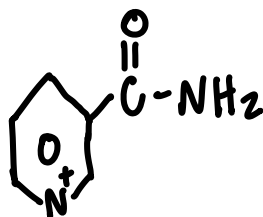
- Vitamin B3 is known as Niacin.
 - If not, what is the other name of Vitamin B3?

- Vitamin B3 is ingested as niacin.
 - If not, what is ingested as vitamin B3?

- This structure of Niacin is correct.
 - If not, draw the correct structure in the space provided



- Niacin is transformed into Nicotinamide which has this structure.
 - If not, fix the structure and include the correct name



- Nicotinamide is then transformed into Nicotinamide Adenine Dinucleotide.
 - If not, what is nicotinamide transformed into? **Draw the correct structure!!

- NAD^+ is the reduced version of NADH. (Draw both structures)

- NADPH is the reduced version of NADP^+ . (draw both structures)

- NAD acts as an electron carrier and binds irreversibly to proteins.
 - If incorrect, correct the sentence appropriately

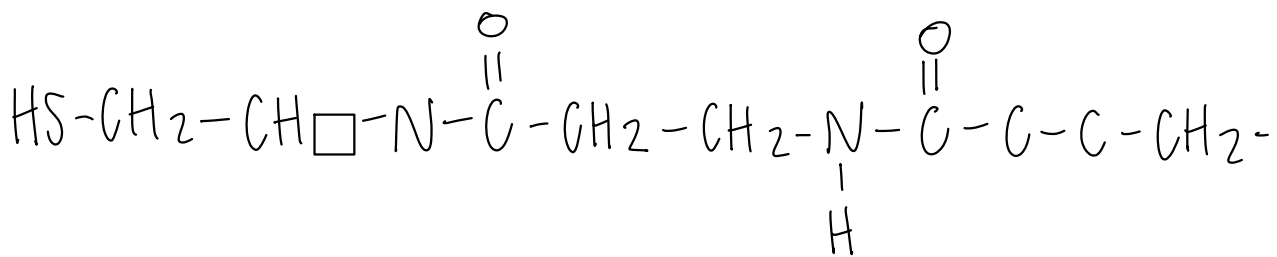
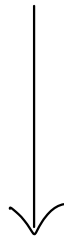
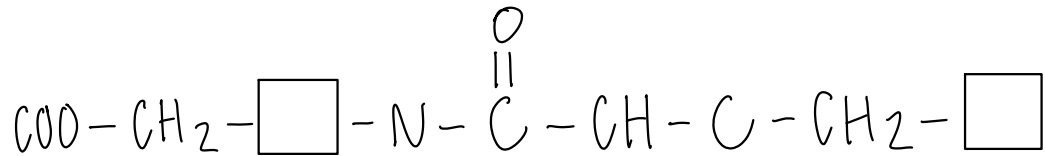
- The deficiency of Vit B3 is Pellagra.
 - If not, what is the deficiency?

- There is no known deficiency of pantothenic acid (B5).

- If false, what is the deficiency?

■ Include the missing information

Pantothemic acid (vit. _____)



name of product: _____