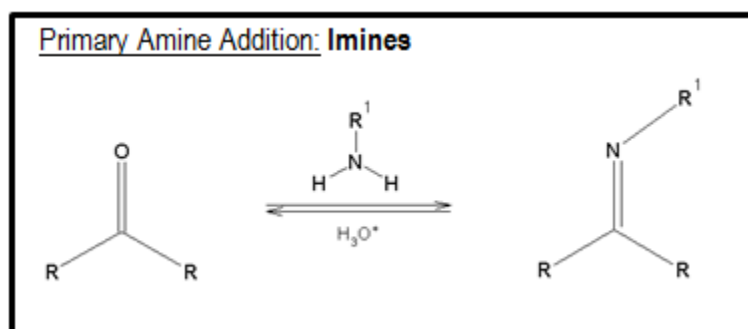


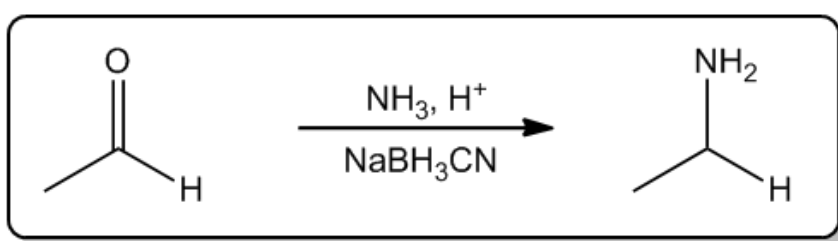
CONCEPT: REDUCTIVE AMINATION

Recall that ketones and aldehydes can react with primary amines in acidic conditions to form **imines**.

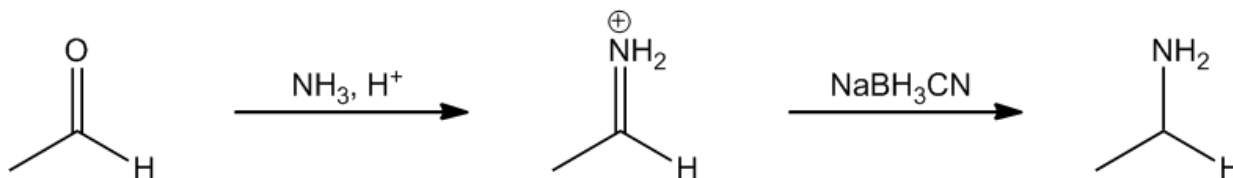
- This mechanism passed through an important intermediate called an **iminium cation**.



Ketones and aldehydes can be made to form *amines instead* by using the reducing agent, NaBH₃CN on the imine.



- This mechanism starts the same, except for the fact that we **reduce the imine** instead of deprotonating it



EXAMPLE: Provide the major product for the following reaction.

