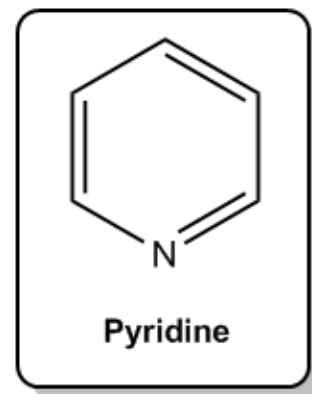


CONCEPT: AROMATICITY OF HETEROCYCLES

Heterocycles are cyclic structures that contain a _____ within the ring.

- *Heteroatoms* can choose to donate up to one lone pair each only if:

1. They are already sp^3 hybridized
2. It will help to create aromaticity



EXAMPLE: Determine the aromaticity of the following heterocycles. Will any lone pairs be donated to the ring?

