

N₂

Nitrogen

Atomic Number

7

Ground State Electron Configuration

1s²2s²2p³

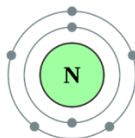
Number of Valence Electrons

5

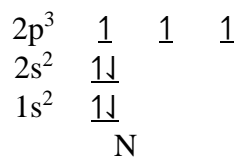
Lewis Dot Structure



Bohr Diagram



Draw the Ground State Electron Configuration

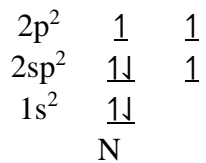


Ground State

Hybridization in N₂

sp

Draw the Hybrid State Electron Configuration in N₂



Hybrid State

Draw the orbital diagram for
 N_2

