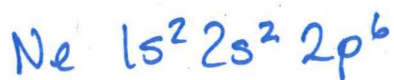



Orbitals

S orbital - sphere shaped
- can hold max of $2e^-$

P orbitals - figure 8 shaped
- 3 "p" orbitals + each can hold $2e^-$

$^{20}_{10}\text{Ne}$



D orbitals - 5 "d" orbitals in an energy level
+ each can hold $2e^-$
- 4 are 4 leaf clover shaped + 1
is 

F orbitals - 7 "f" orbitals " " $2e^-$

- shape - too complex to describe