

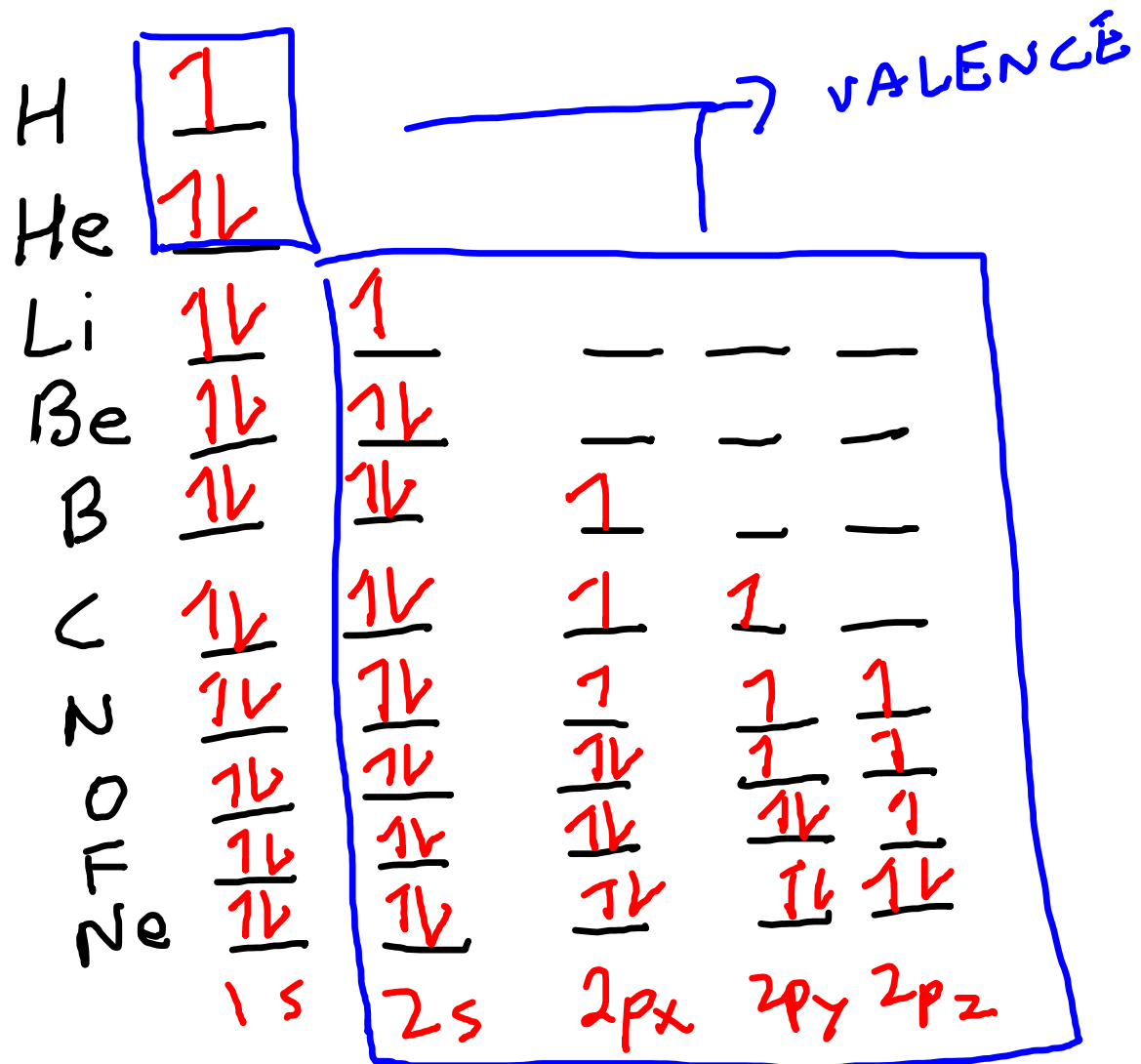
# ELECTRONIC CONFIGURATION

PAULI EXCLUSION PRINCIPLE

- only 2  $e^-$  per orbital

HUND'S RULE

-  $e^-$  unpaired if possible



# VALENCE PERIODIC TABLE

| 1  | 3 | 4 | 5 | 6 | 7  |
|----|---|---|---|---|----|
| H  | B | C | N | O | F  |
| Li |   |   | P | S | Cl |
| Na |   |   |   |   | Br |
|    |   |   |   |   | I  |

# MOLECULES FROM ATOMS

