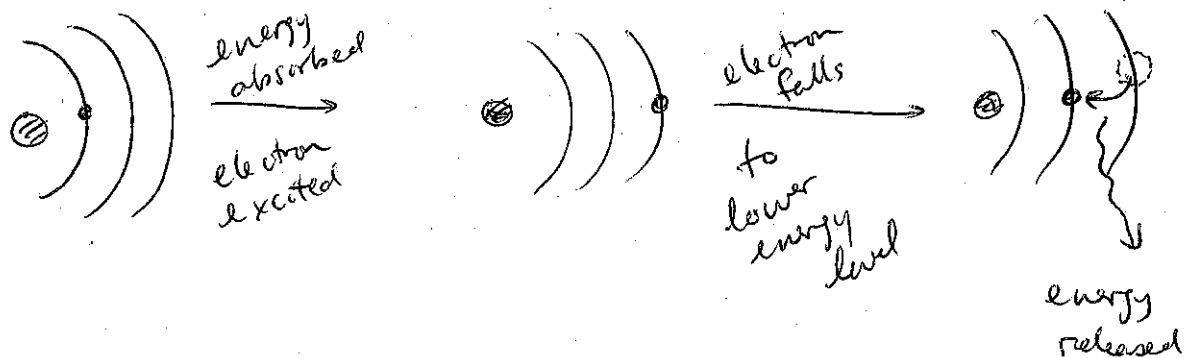


# SCH 3U Review

## MATTER & Bonding

P. 807

2



- 3
- |        |   |
|--------|---|
| Cl: -1 | - achieves stable octet by gaining $1e^-$ |
| K: +1  | - achieves stable octet by losing $1e^-$  |
| Ca: +2 | - achieves stable octet by losing $2e^-$  |

- 4.
- Cl-Cl - covalent: identical electronegativity; high IE.
  - K-I : ionic: K has low ionization energy;
  - C-O : covalent
  - MgF : ionic

### 6 More Polar

- O-H
- C-O
- C-H
- O-H
- H-Cl