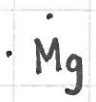
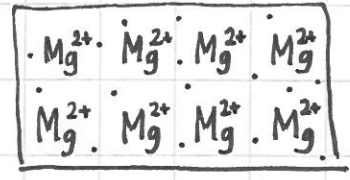


ALKUAINEIDEN RAKENNE JA OMINAISUUDET

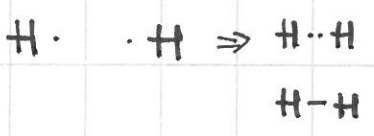
METALLIT



- sähkönjohtavuus
- taottavuus
- lämmönjohtavuus
- korkeat sulamispisteet
- kiltto

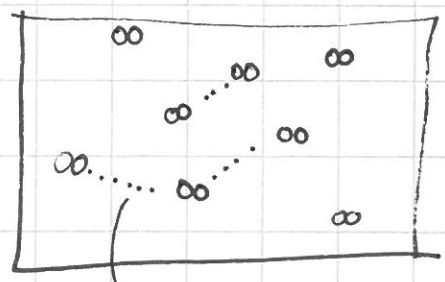


EPÄMETALLIT



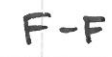
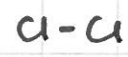
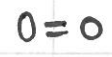
elektroneja jaetaan
↓
kovalenttinen sidos

co-valence



dispersiovoima

muodostuu
alkuainemolekyylit



5.1

5.14

5.6

5.18

5.21

5.24