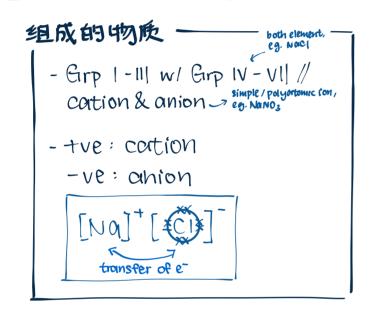


### 1 What is a bond?

- Strong electrostortic force / positively & negortively charged species 与静电引力 (5物质

## 2 Ionic bond



## DIRECTIONALITY -

- non-directional

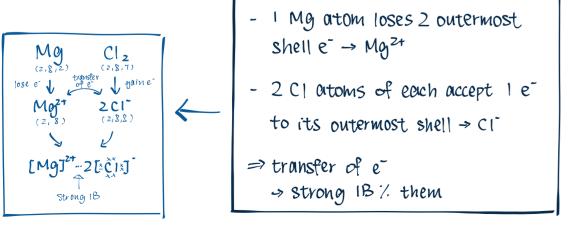
- non-directional

- non-directional

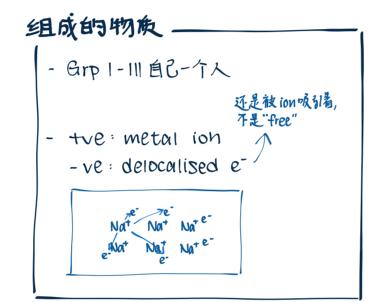
- non-directional

- non-directional

### FORMATION (MgClz) -



# 3 Metallic bond

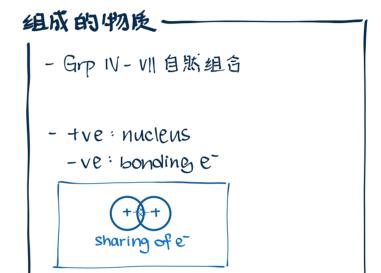


### DIRECTIONALITY-

Each cotton
is bonded to
murtiple e.

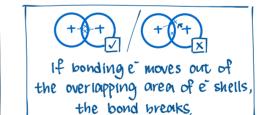
Nation
e can move
to any place
in the e shell.

# 4 Covalent bond



#### DIRECTIONALITY -

- directional



#### FORMATION (CH4) -

- 1 C atom has 4 outermost Shell et, of each shares 1 et from H artom
- ⇒ Strong (B:/ them