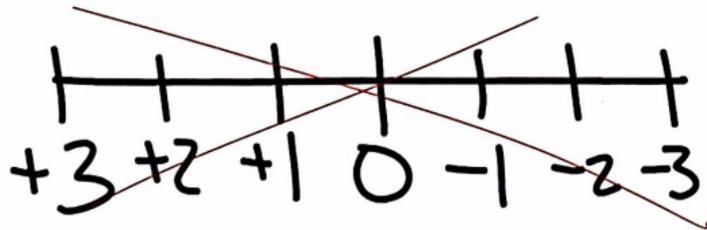
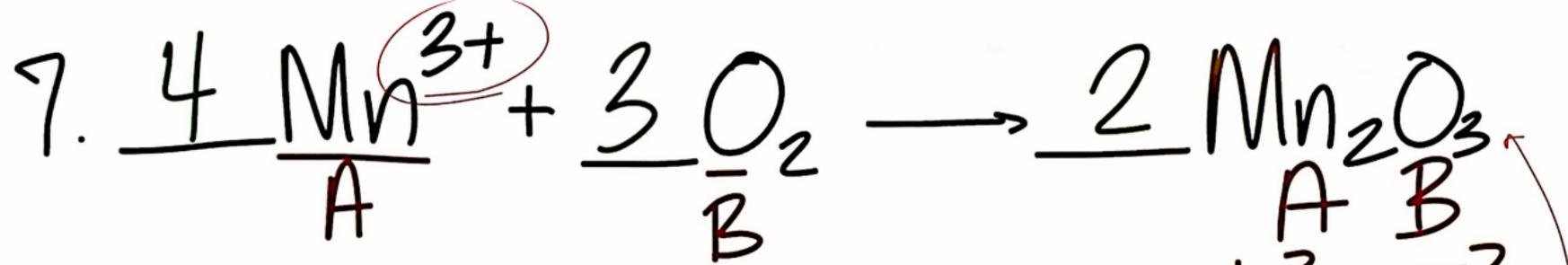


- | |
|---------|
| 1A (+1) |
| 2A (-2) |
| 3A (-3) |
| 4A (+4) |
| 5A (-3) |
| 6A (-2) |
| 7A (-1) |
| 8A (0) |



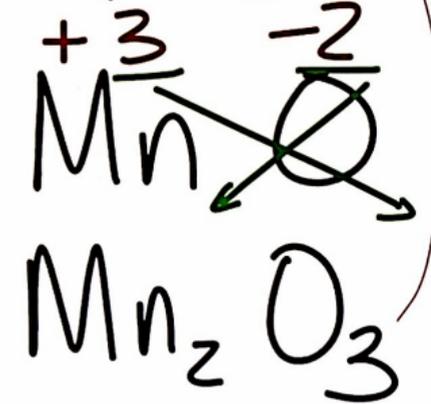
+ : lose e⁻

- : gain e⁻

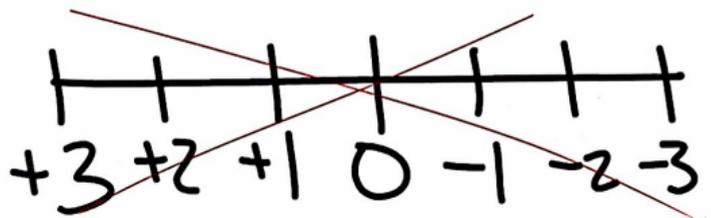


A: Mn: +3 (trans.)

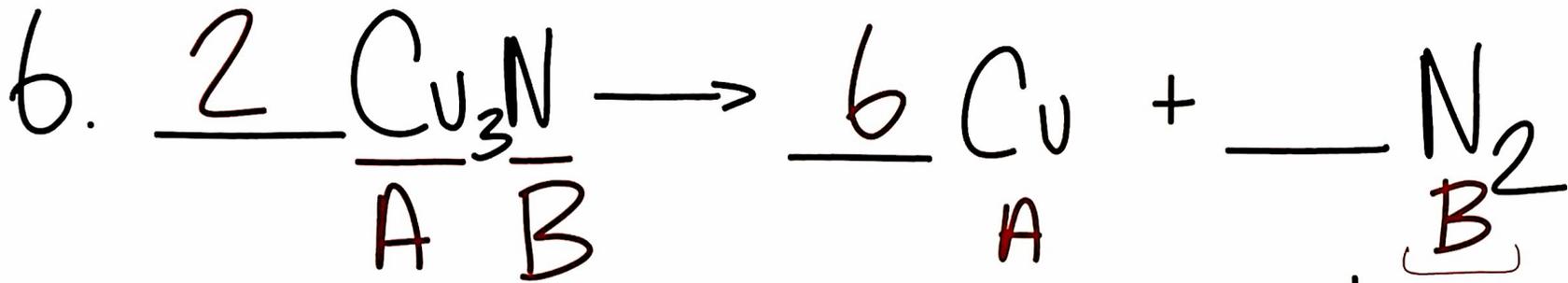
B: O: -2
(6A)



- 1A (+1)
- 2A (-2)
- 3A (-3)
- 4A (+4)
- 5A (-3)
- 6A (-2)
- 7A (-1)
- 8A (0)



+ : lose e⁻ - : gain e⁻



AB: Cu₃N

A: Cu

B: N

check if
diatomic!

Diatomic
Elements

H₂

F₂

Cl₂

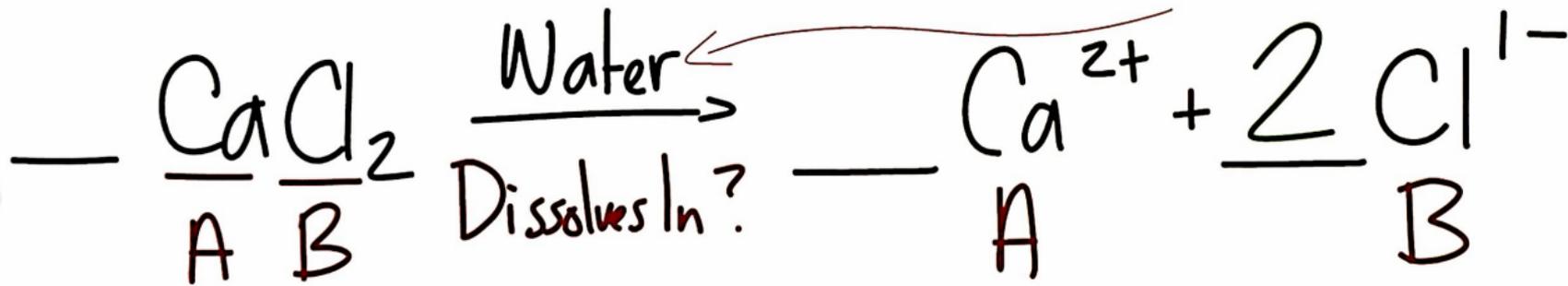
Br₂

I₂

N₂

O₂

Ionization : Form ions (+/-) in solvent



Ca : +2 (2A)

Cl : -1 (7A)

Polyatomic ions

Use Chart $\text{ClO}_3^{1-} : -1$

$\text{SO}_4^{2-} : -2$

1A : +1

2A : +2

3A : +3

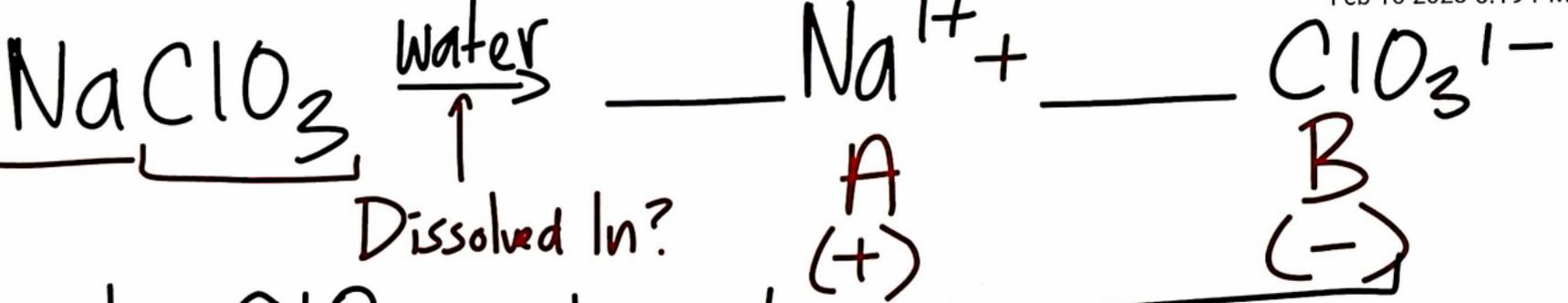
4A : +4

5A : -3

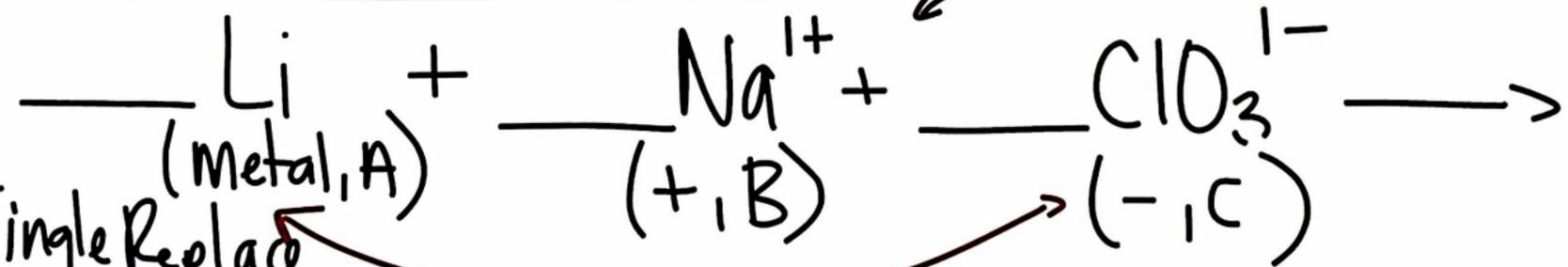
6A : -2

7A : -1

Ionization

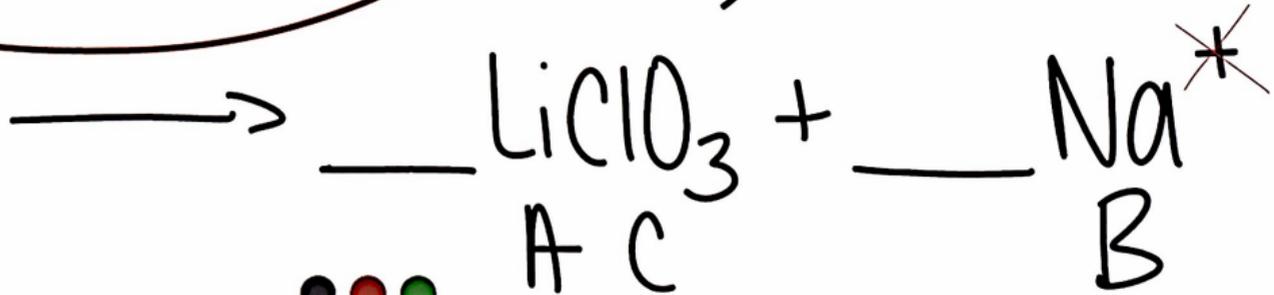


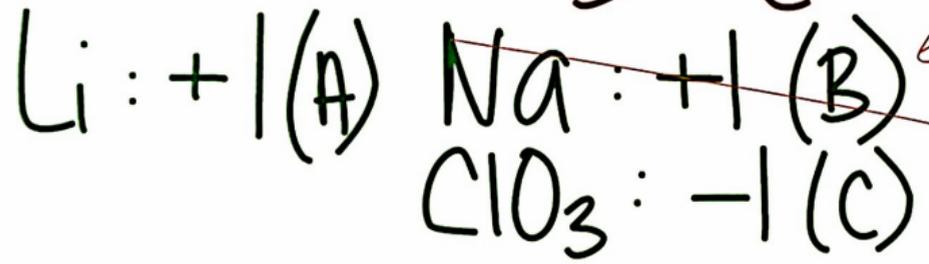
Na: +1 ClO₃: -1



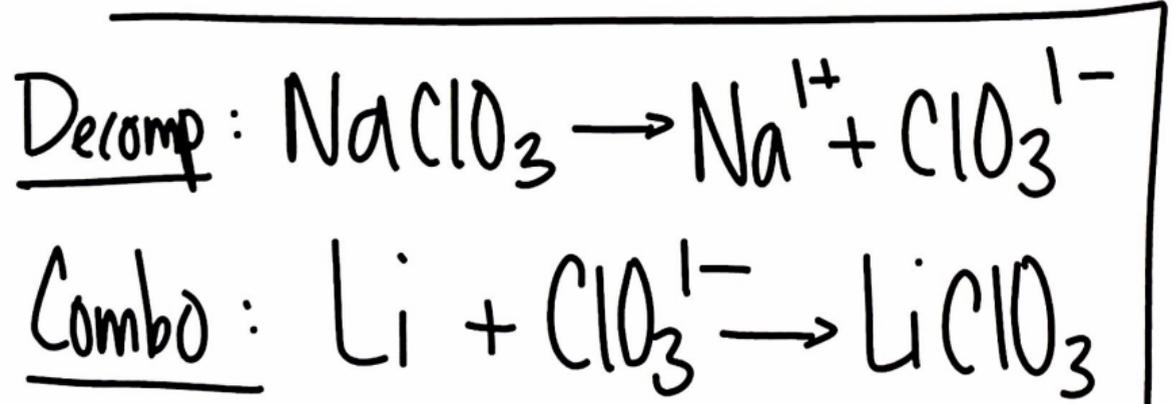
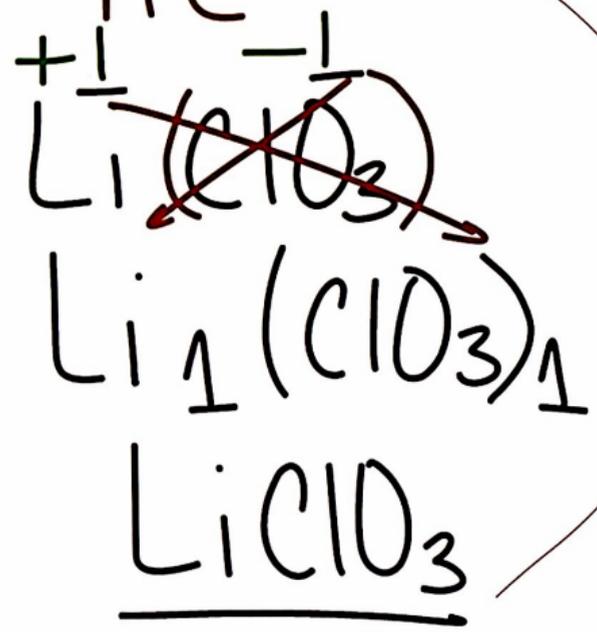
Single Replace.

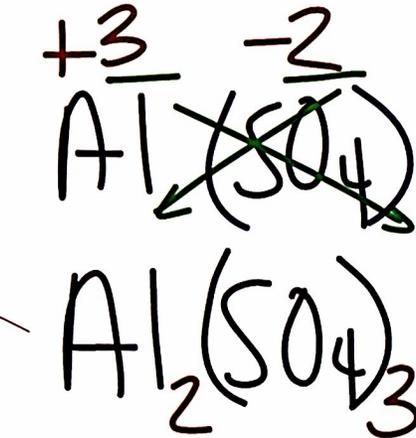
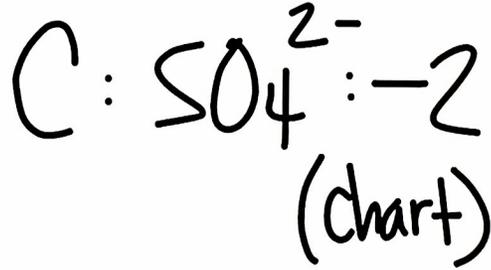
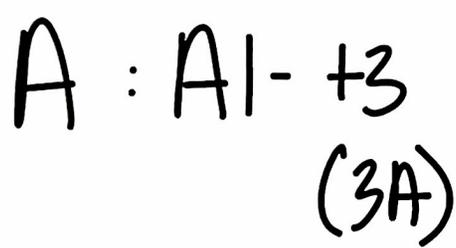
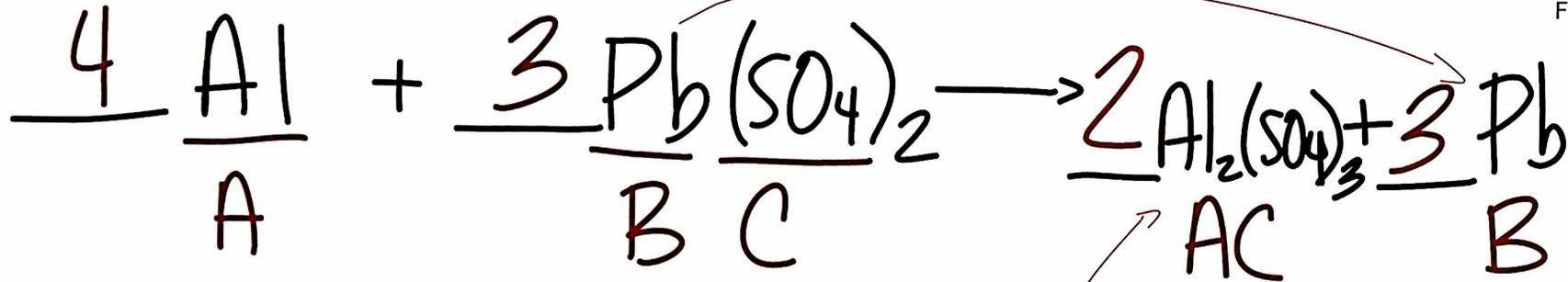
Li replaces Na





Don't need B's charge!





- | |
|---------|
| 1A (+1) |
| 2A (+2) |
| 3A (+3) |
| 4A (+4) |
| 5A (-3) |
| 6A (-2) |
| 7A (-1) |
| 8A (0) |