

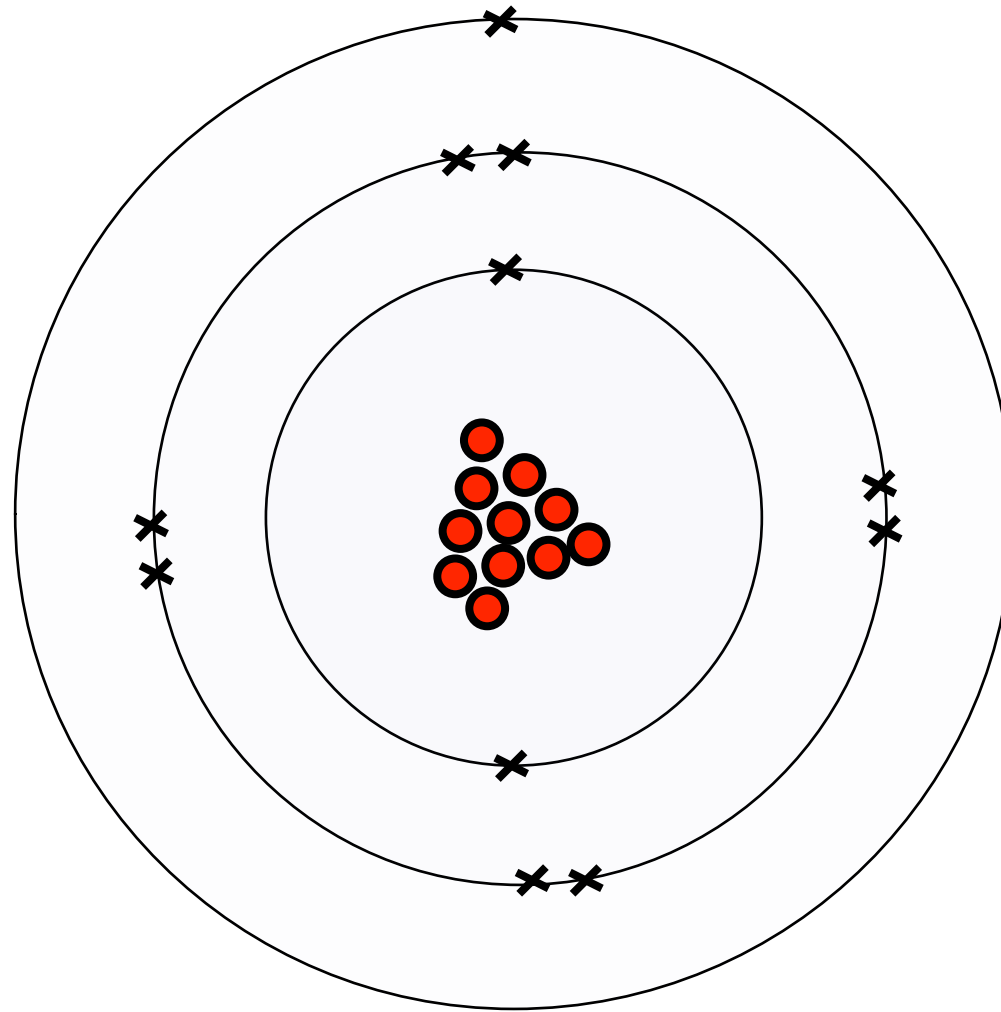
# Atom or Ion?

[the science teacher](#) | the website for science teachers who like to think

Model A1

Atom or Ion?

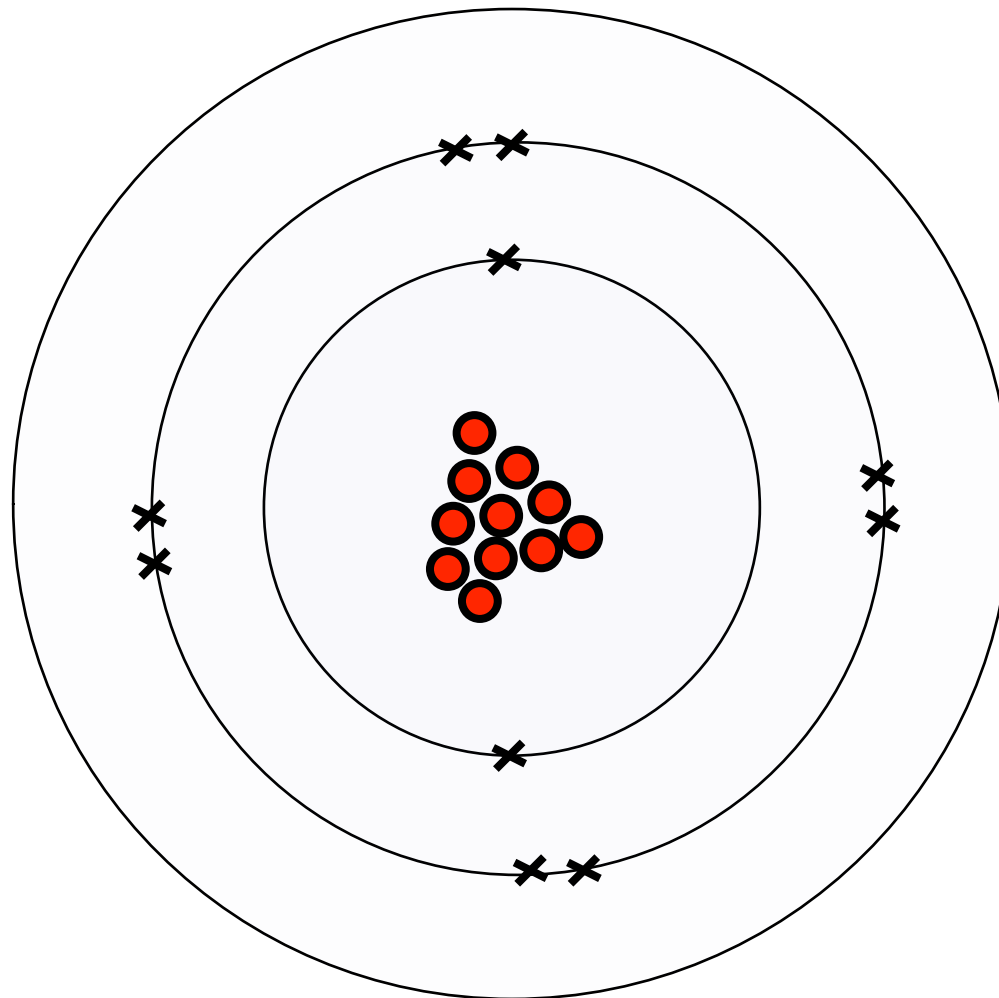
Charge?



Model A2

Atom or Ion?

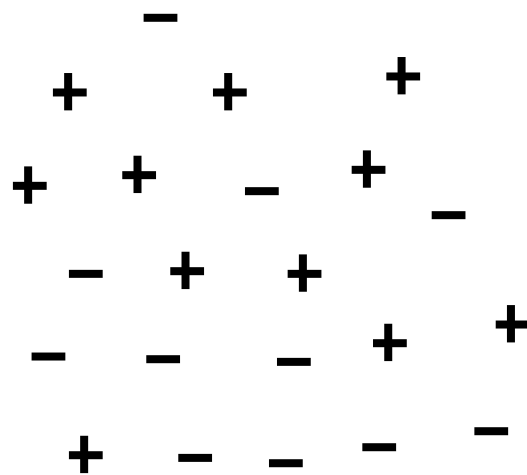
Charge?



Model B1

Atom or Ion?

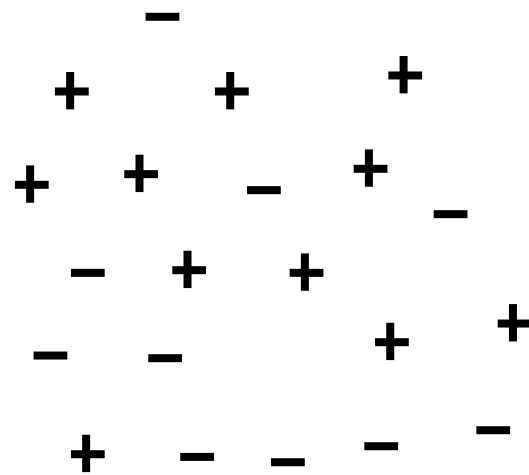
Charge?



Model B2

Atom or Ion?

Charge?



## Paired discussion

Each model shows the same element.

Q1. Can you identify what the element is? Explain how you know this.

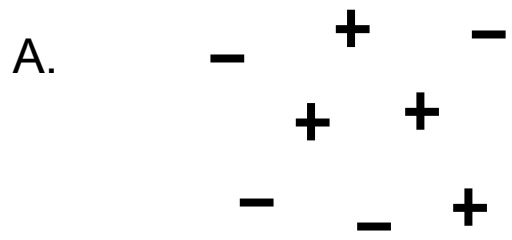
Q2. Which models are of atoms? What is their charge? Explain how you know this.

Q3. Which models are of ions and what is their charge?  
Explain how you know this.

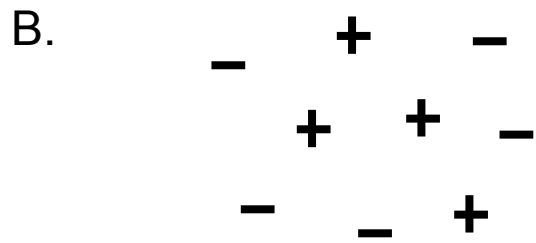
Q4. Can you now explain in your own words what an ion is.

Key words: protons, electrons, positive, negative, atom

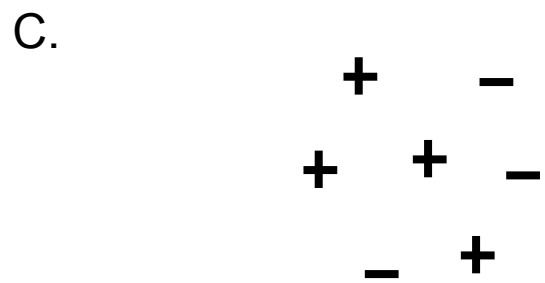
An ion is.....



atom or ion?  
 charge?

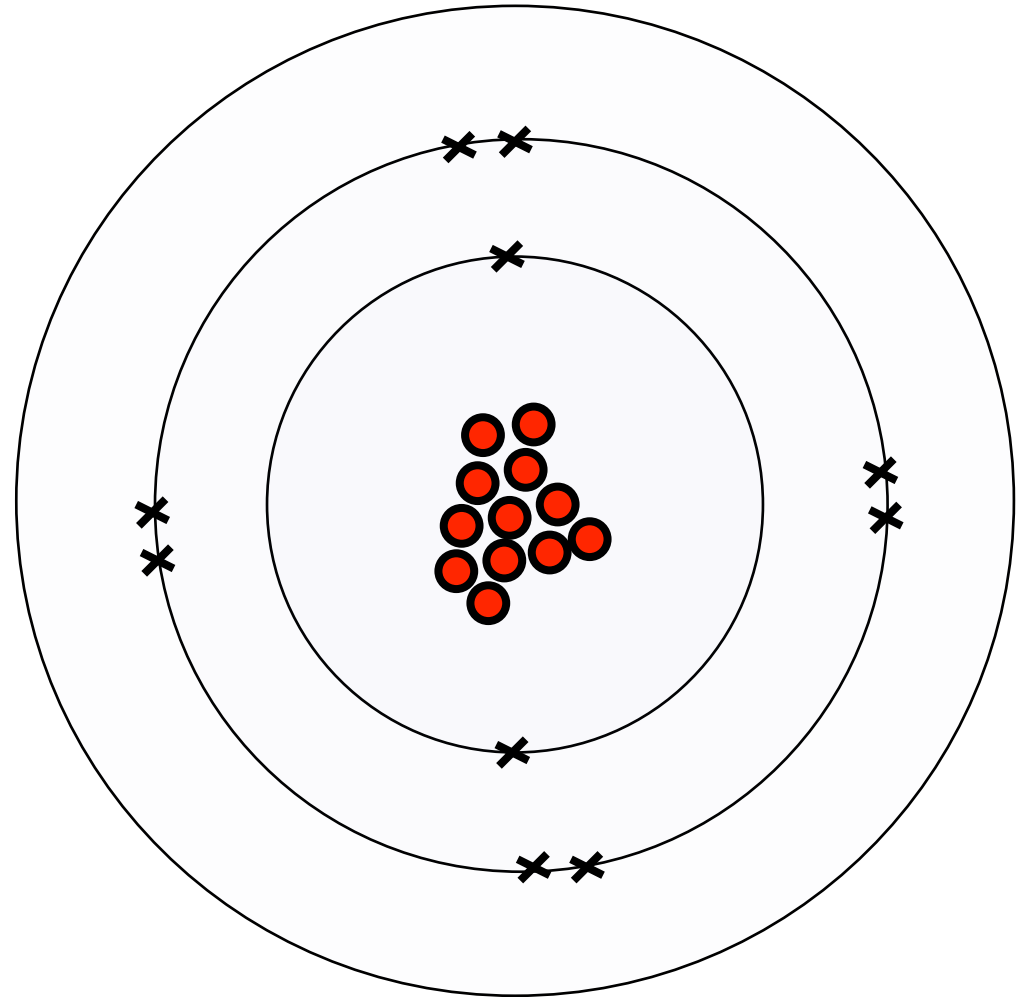


atom or ion?  
 charge?



atom or ion?  
 charge?

D.



atom or ion?  
 charge?