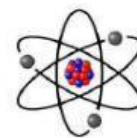




WHAT IS AN ION?



1. Drag the following words next to the pictures.

electric charge

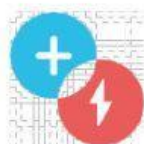
balanced

dots

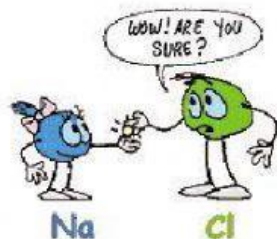
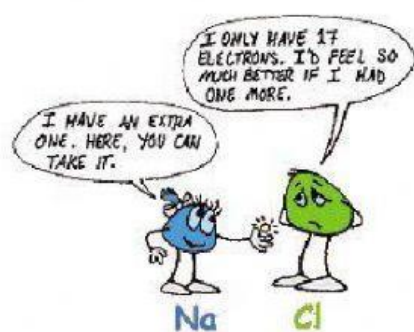
gain

lose

equal



2. Watch the video about the ions and decide whether the statements are true or false.

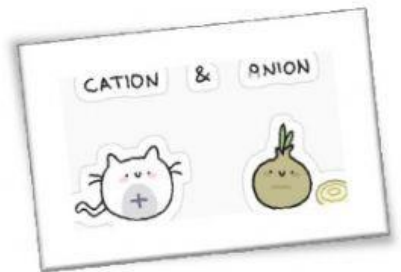


Watch the video

What's an Ion?

<https://www.youtube.com/watch?v=WWc3k2723IM>





1. An ion is an atom that **has** an electrical charge. ☐ TRUE ☐ FALSE
2. Electrons have a **positive** charge. ☐ TRUE ☐ FALSE
3. Atoms don't have any **total charge** if the number of protons and the number of electrons is **equal**. ☐ TRUE ☐ FALSE
4. An atom **can** gain but it **can't** lose electrons. ☐ TRUE ☐ FALSE
5. If the atom has more **electrons**, it is left with more negative charge. ☐ TRUE ☐ FALSE
6. If the atom has more **protons**, it is left with more negative charge. ☐ TRUE ☐ FALSE
7. **Electrons** are flying on the outside of an atom. ☐ TRUE ☐ FALSE
8. In the **nucleus** there are protons and neutrons. ☐ TRUE ☐ FALSE
9. If atom has no **electric charge**, it is dead or broken. ☐ TRUE ☐ FALSE
10. We use **sign +** next to the symbol to show that this ion has a positive charge. ☐ TRUE ☐ FALSE
11. **Cation** is an ion with a positive charge. ☐ TRUE ☐ FALSE
12. We use **sign -** next to the symbol to show that this ion has a negative charge. ☐ TRUE ☐ FALSE
13. **Anion** is an ion with a positive charge. ☐ TRUE ☐ FALSE
14. **Polyatomic** ion is a group of atoms that has a positive or negative charge. ☐ TRUE ☐ FALSE

