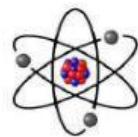
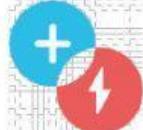


WHAT IS AN ION?



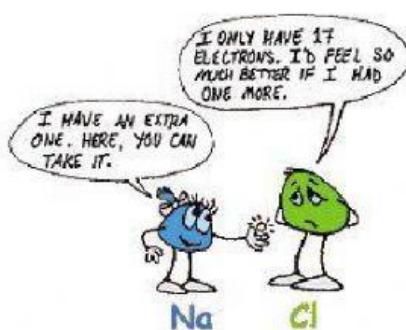
1. Drag the following words next to the pictures.

electric charge balanced dots gain lose equal



• • •

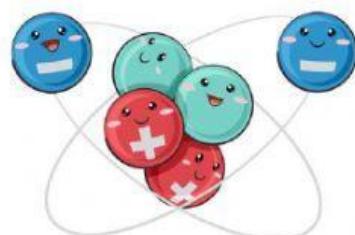
2. Watch the video about the ions and decide whether the statements are true or false.

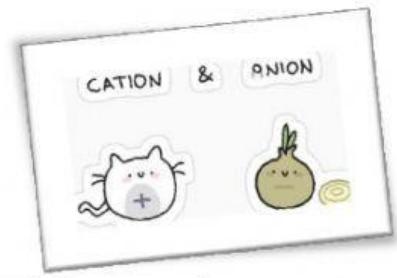


Watch the video

What's an Ion?

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





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

