

FORMANDO IONES

En esta actividad tendrá que completar los cuadros, en el proceso de formación de un ion. Deberá colocar el número de protones y neutrones que tiene el átomo neutro, identificar el elemento, indicar el número de electrones y protones que tiene el ion formado, por último deberá colocar en el ion formado el número de electrones que perdió o ganó.

The diagram illustrates the formation of ions from neutral atoms. It is divided into two main sections by a vertical line with double slashes (//).

Left Section (Ionization):

- Atom 1:** A neutral atom with 3 protons (+) and 3 neutrons (grey) in the nucleus, and 3 electrons (-) in two shells (2 in the first, 1 in the second). Below it is a box with a '+' sign and a '-' sign, and a blue arrow pointing down to the text "Átomo neutro de".
- Atom 2:** An ion formed by losing 1 electron, resulting in 3 protons (+) and 3 neutrons (grey) in the nucleus, and 2 electrons (-) in two shells (2 in the first, 0 in the second). Below it is a box with a '+' sign and a '-' sign, and a blue arrow pointing down.

Right Section (Reduction):

- Atom 3:** A neutral atom with 5 protons (+) and 5 neutrons (grey) in the nucleus, and 5 electrons (-) in two shells (2 in the first, 3 in the second). Below it is a box with a '+' sign and a '-' sign, and a blue arrow pointing down to the text "Átomo neutro de".
- Atom 4:** An ion formed by gaining 2 electrons, resulting in 5 protons (+) and 5 neutrons (grey) in the nucleus, and 7 electrons (-) in two shells (2 in the first, 5 in the second). Below it is a box with a '+' sign and a '-' sign, and a blue arrow pointing down.

Watermark: LIVEWORKSHEETS

