A dot is a lot!

Fold this page in half and use a dot of glue on each circle to attach this page into your notebook.

**Ions and Ionic Bonding**

“Oh, you’re so attractive!”

An atom that loses an electron is called a _____________.
It’s charge will be ________________.

An atom that gains an electron is called an _____________.
It’s charge will be ________________.

Positively and negatively charged ions will ____________________________________________________________________.

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**Ionic Bonding Between Sodium and Chloride Ions**

*(Write a caption next to each picture to describe the process of ionic bonding.)*
Ionic Bonding Between Calcium and Chloride Ions

(Write a caption next to each picture to describe the process of ionic bonding.)

One calcium and two chlorine atoms are near each other.

Sodium ion
Chloride ion

Sodium chloride (NaCl)

Chloride ion
2+ Calcium ion
Chloride ion

Calcium chloride (CaCl₂)